SUPPLEMENT
TO THE
BRITISH MEDICAL JOURNAL.

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British Medical Association.

NINETY-EIGHTH ANNUAL MEETING, WINNIPEG, AUGUST, 1930.

Patron: HIS MAJESTY THE KING.

President: ARTHUR H. BURGESS, M.Sc., F.R.C.S., Professor of Clinical Surgery, Victoria University, Manchester.

President-Elect: W. HARVEY SMITH, M.A., M.D., C.M., Professor of Ophthalmology, Manitoba Medical College; Ophthalmologist, Winnipeg General Hospital.

Chairman of Representative Body: C. O. HAWTHORNE, M.D., LL.D., D.Sc., F.R.C.P.

Chairman of Council: H. B. BRACKENBURY, LL.D., M.R.C.S., L.R.C.P.

Treasurer: N. BISHOP HARMAN, M.A., M.B., F.R.C.S.

PROVISIONAL PROGRAMME.

THE CENOTAPH, WINNIPEG.

AFTER the induction ceremony and reception of delegates, beginning at 11 a.m., the incoming President, Professor W. Harvey Smith, will deliver his address to the Association, on Tuesday, August 26th, in the Winter Club, Winnipeg. The official Religious Service will be held in front of the Parliament Buildings at 3.45 p.m. on the same day.

The Annual Dinner of the Association will take place in Winnipeg on Thursday, August 28th, at the Hudson's Bay Store.

At a public meeting on Wednesday, August 27th, at 8 p.m., the speakers will be Lord Dawson of Penn and Dr. Robert Hutchison.

A scientific exhibition and a commercial exhibition of surgical appliances, foods, drugs, and books will be open during the meeting, in the Winter Club.

Special clinical addresses will be given on the afternoons of August 27th, 28th, and 29th by Sir Lenthal Cheatle and Dr. H. C. Cameron, by Sir William Wheeler and Professor W. E. Dixon, and by Sir Farquhar Buzzard.

On the last day of the meeting, Friday, August 29th, the Listerian Oration will be delivered at 9 p.m. by Lord Moynihan, President of the Royal College of Surgeons of England.

Descriptive and historical notes on Winnipeg and its institutions, and on Canada generally, have appeared in the *British Medical Journal* of January 4th (p. 32), February 15th (p. 300), March 22nd (p. 556), May 10th (p. 875), and June 7th (p. 1064).

THE SECTIONS.

The clinical and scientific work of the meeting will be organized in fourteen Sections, as shown in the subjoined list; they will meet on Wednesday, Thursday, and Friday, August 27th, 28th, and 29th, from 10 a.m. to 1 p.m.

The following Sections will meet on Three Days.

MEDICINE.

President: The Rt. Hon. Lord DAWSON OF PENN, G.C.V.O., K.C.B., M.D., F.R.C.P., London.

Vice-Presidents: Professor T. GILLMAN MOORHEAD, M.D., F.R.C.P.I., Dublin; EDMUND I. SPRIGGS, M.D., F.R.C.P., Ruthin Castle, North Wales; CHARLES HUNTER, M.D., F.R.C.P., Winnipeg; Professor KENNETH ALEXANDER MACKENZIE, M.D., Halifax, N.S.

Honorary Secretaries: JOHN PARKINSON, M.D., F.R.C.P., 1, Devonshire Place, London, W.1; J. M. MCEACHERN, M.B., Toronto, L.M.C.C., 102, Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussion: Filterable Viruses and Practical Medicine. To be opened by Dr. S. P. BEDSON (London), with a Clinical Introduction by Lord DAWSON, followed by Dr. NEIL E. MCKINNON (Toronto). *Paper:* Professor J. C. MEAKINS (Montreal) and Dr. W. de M. SCRIVER (Montreal), Treatment of Hypertension.

Thursday, August 28th.—Discussion: The Functional Disorders of the Colon. To be opened by Dr. EDMUND BRIGGS (Ruthin Castle), followed by Dr. E. E. CLEAVER (Toronto). *Paper*: Dr. T. GWYNNE MAITLAND (Liverpool), Group Captain MARTIN FLACK, R.A.F.M.S., and Dr. J. R. MARRACK (Sawbridgeworth), Seasickness.

Friday, August 29th.—(Joint meeting with Section of Mental Diseases and Neurology.) *Discussion*: Acute Poliomyelitis. To be opened by Sir FARQUHAR BUZZARD (Oxford), followed by Professor H. B. CUSHING (Montreal).

SURGERY.

President: The Rt. Hon. LORD MOYNIHAN OF LEEDS, K.C.M.G., C.B., P.R.C.S., Leeds.

Vice-Presidents: SIR WILLIAM I. DE COURCY WHEELER, M.D., F.R.C.S.I., Dublin; HERBERT WM. CARSON, F.R.C.S., London; Professor BRANDER J. BRANDSON, M.D., Winnipeg; JOHN SINCLAIR MCEACHERN, M.D., C.M., Calgary.

Honorary Secretaries: HUGH CAIRNS, F.R.C.S., The London Hospital, London, E.1; C. W. BURNS, M.D., C.M., 212, Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—(Joint Meeting with Section of Tuberculosis.) *Discussion*: Recent Advances in Thoracic Surgery. To be opened by Professor E. W. ARCHIBALD (Montreal), The Scope of Thoracic Surgery, followed by Dr. R. A. YOUNG (London), The Medical Aspects of Thoracic Surgery; Mr. A. TUDOR EDWARDS (London), Malignant Disease of the Lung; Dr. W. L. MANN (Winnipeg), Phrenicotomy; Dr. J. D. MCEACHERN (Winnipeg), Closed Drainage in the Treatment of Empyema; Dr. N. S. SHENSTONE (Toronto), Pulmonary Lobectomy in Bronchiectasis; and Dr. J. RODDICK BYERS (Montreal).

Thursday, August 28th.—Discussion: A Symposium on the Uses of Radium in Surgery, SIR CHARLES GORDON-WATSON (London), Radium in the Treatment of Cancer of the Rectum (with cinematographic demonstration); Mr. STANFORD CADE (London), Radium in the Treatment of Malignant Diseases of the Mouth and Tongue; Dr. DOUGLAS QUICK (New York), Radium in Surgery in connexion with Cancer of the Tongue; Dr. G. E. BIRKETT (Manchester) (communicated by Professor A. H. BURGESS), The Results of Radium Treatment of Cancer of the Mouth and Tongue; Mr. FRANK KIDD (London), Radium in Treatment of Tumours of the Bladder; and Mr. HUGH CAIRNS (London), Radium in the Central Nervous System.

Friday, August 29th.—Discussion: The Surgery of the Sympathetic Nervous System. To be opened by Dr. W. J. MAYO (Rochester, Minn.), followed by Dr. N. D. ROYLE (Sydney), The Clinical Results following the Operation of Sympathetic Ramisection; Dr. JOHN FULTON (Oxford), The Physiological Basis of the Surgery of the Sympathetic; Dr. J. R. LEARMONTH (Rochester, Minn.), Indications for Operation on the Nerves of the Distal Colon, Rectum, and Bladder; Dr. R. B. WADE (Sydney), Ramisection and Hirschsprung's Disease; Dr. WILDER G. PENFIELD (Montreal), The Evidence for a vasomotor mechanism in Epilepsy; and Dr. ALFRED W. ADSON (Rochester, Minn.), The Indications for and the Therapeutic Value of Sympathetic Ganglionectomy and Trunk Resection in the Treatment of Peripheral Vascular Disease. *Short Paper*: Mr. A. DICKSON WRIGHT (London), The Treatment of Varicose Ulcer (with Cinematographic Demonstration).

OBSTETRICS AND GYNAECOLOGY.

President: COMYNS BERKELEY, M.D., M.C.Cantab., F.R.C.P., F.R.C.S., London.

Vice-Presidents: THOMAS GEORGE STEVENS, M.D., F.R.C.S., London; Sir EWEN MACLEAN, M.D., F.R.C.P., Cardiff; Dame LOUISE MCILROY, D.B.E., M.D., London; Professor DANIEL SAYRE MACKAY, M.D., F.R.C.S.Ed., Winnipeg; WALTER WILLIAM CHIPMAN, M.D., F.R.C.S.Ed., Montreal.

Honorary Secretaries: J. E. STACEY, M.D., F.R.C.S., 2, Durham Road, Sheffield; F. G. MCGUINESS, M.D., 320, Medical Arts Building, Winnipeg.

The following programme has been arranged:

Wednesday, August 27th.—Discussions: (1) Uses of Radium in Gynaecology. To be opened by Mr. SIDNEY FORSDIKE (London), followed by Professor W. W. CHIPMAN (Montreal). (2) Treatment of Lymphatic Glands in Carcinoma of the Cervix. To be opened by Mr. MALCOLM DONALDSON (London).

Thursday, August 28th.—Discussions: (1) The Albuminuria of Pregnancy and its late Results. To be opened by Mr. J. BRIGHT BANNISTER (London), followed by Dr. H. M. LITTLE (Montreal). (2) The Effects of Hypertonic Saline in Toxaemias of Later Pregnancy. To be opened by Professor V. J. HARDING (Toronto), and Dr. H. B. VAN WYCK (Toronto). (3) Cyst Formation in the Clitoris, by Sir EWEN MACLEAN (Cardiff).

Friday, August 29th.—Discussions: (1) The use of Sedatives and Anaesthetics in Labour. To be opened by Dame LOUISE MCILROY (London) (the Section of Anaesthetics will join in the subsequent discussion). (2) The Placental Hormone Emmenine. To be opened by Professor J. B. COLLIP (Montreal), followed by Dr. A. D. CAMPBELL (Montreal). (3) Demonstration on the Operative Treatment of Prolapse, by Dr. T. G. STEVENS (London).

BACTERIOLOGY, PATHOLOGY, PHYSIOLOGY, AND BIOCHEMISTRY.

President: Professor ROBERT MUIR, M.D., F.R.S., F.R.C.P.Ed., Glasgow.

Vice-Presidents: Professor MATTHEW JOHN STEWART, M.B., F.R.C.P., Leeds; LIONEL SPENCE ASHCROFT, M.B., Ch.B., D.P.H. Liverpool; Professor WM. BOYD, M.D., M.R.C.P.Ed., Winnipeg JAMES MILLER, M.D., F.R.C.P.Ed., Kingston, Ontario.

Honorary Secretaries: Professor GEOFFREY HADFIELD, M.D., M.R.C.P., Pathological Dept., Royal Free Hospital, Gray's Inn Road, London, W.C.1; Professor A. T. CAMERON, M.A., F.R.S.C., Medical College, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussion: Physiology and Pathology of Melanin. To be opened by Professor JAMES EWING (New York City), followed by Professor M. J. STEWART (Leeds), Dr. SEYMOUR HADWEN (Toronto), and Professor A. T. CAMERON (Winnipeg). *Papers*: Dr. G. S. WILSON (London), The Diagnosis of Undulant Fever; Sir KENNETH GOADBY (London), The Fractional Products of the Staphylococcus.

Thursday, August 28th.—Discussions: (1) Immunological Problems in Septicaemia. To be opened by Professor F. T. CADHAM (Winnipeg). (2) The Physiology of the Parathyroid Glands. To be opened by Professor J. B. COLLIP (Montreal), followed by Professor V. H. K. MOORHOUSE (Winnipeg), Professor J. C. MEAKINS (Montreal), and Professor A. T. CAMERON (Winnipeg).

Friday, August 29th.—Papers: (1) Professor J. H. TEACHER (Glasgow), Physiology and Pathology of the Endometrium; (2) Professor R. MUIR (Glasgow), Intra-epithelial Growth of Carcinoma; (3) Professor S. LYLE CUMMINS (Cardiff), Coal Miner's Lung; (4) Professor WM. BOYD (Winnipeg), The Glioma Group Studied by Ordinary Histological Methods; (5) Dr. H. D. KAY (Toronto), The Phosphatase of the Blood Plasma in Bone Dystrophies.

MENTAL DISEASES AND NEUROLOGY.

President: Sir E. FARQUHAR BUZZARD, Bt., K.C.V.O., M.D., F.R.C.P., Oxford.

Vice-Presidents: Sir JAMES PURVES-STEWART, K.C.M.G., C.B., M.D., F.R.C.P., London; GEORGE RIDDOCH, M.D., F.R.C.P., London; ALVIN TROTTER MATHERS, M.D., Winnipeg; JAMES WALTER MACNEILL, M.D., North Battleford, Saskatchewan.

Honorary Secretaries: C. C. WORSTER-DROUGHT, M.D., M.R.C.P., 19, Cavendish Square, London, W.1; E. C. BARNES, M.D., Hospital for Mental Diseases, Selkirk, Manitoba.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussion: Abnormal Mental and Nervous Conditions associated with the Menopause. To be opened by Dr. G. RIDDOCH (London), followed by Dr. C. B. FARRAR (Toronto) and others.

Thursday, August 28th.—Discussion: Classification of Brain Tumours and its Practical Application. To be opened by Professor WILDER G. PENFIELD (Montreal).

Friday, August 29th.—(Joint meeting with Section of Medicine.) *Discussion*: Acute Poliomyelitis. To be opened by Sir FARQUHAR BUZZARD (Oxford), followed by Professor HARVEY B. CUSHING (Montreal).

PREVENTIVE MEDICINE.

President: ALEXANDER STUART MURRAY MACGREGOR, M.D., F.R.F.P.S., D.P.H., Glasgow.

Vice-Presidents: Sir T. EUSTACE HILL, M.B., C.M., D.Hy., Durham; WILLIAM GEORGE WILLOUGHBY, M.D., D.P.H., Eastbourne; Professor ALEXANDER JOSEPH DOUGLAS, M.D., Winnipeg; JOHN ANDREW AMYOT, M.D., Ottawa.

Honorary Secretaries: C. T. MAITLAND, M.D., M.R.C.P., D.P.H., 11, Beechcroft Avenue, Golders Green, N.W.11; T. A. PINCOCK, M.D., 123, Parliament Buildings, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Symposium: The Development of a Well-trained Public Health Personnel. General Outline of the Problem of Training Health Workers, Professor J. G. FITZGERALD (Toronto): (*a*) Undergraduate Medical Training in Public Health, Dr. A. GRANT FLEMING (Montreal); (*b*) Special, or Post-graduate Public Health Training, Dr. ROBERT D. DEFRIES (Toronto) or Dr. ROBERT FRASER (Toronto); (*c*) Training of the Sanitary Inspector, Dr. JAMES ROBERTS (Hamilton); (*d*) The Midwife, her Training, Supervision, and Conditions of Service, Sir T. EUSTACE HILL (Durham); (*e*) Training of the Health Visitor, Dr. F. C. MIDDLETON (Regina).

Thursday, August 28th.—Discussions: (1) The Laboratory in a Scheme of Preventive Medicine. To be opened by Dr. W. G. WILLOUGHBY (Eastbourne). (2) The Place of Pasteurization in a Scheme of Milk Distribution. To be opened by Dr. A. S. M. MACGREGOR (Glasgow). *Paper*: Mr. JAMES GIBBARD (Ottawa), Electrophoresis of *Neisseria intracellularis* (Meningococcus).

Friday, August 29th.—(Joint meeting with Section of Tuberculosis.) *Discussions*: (1) Primitive races and Epidemiology. To be opened by Professor S. LYLE CUMMINS (Cardiff), followed by Dr. J. HARVEY PIRIE (Johannesburg), Post-mortem Findings in South African Negroes; Professor J. G. FITZGERALD (Toronto), Laboratory

Evidence as an Aid in Early Recognition of Tuberculosis and Contacts; Dr. C. H. VROOMAN (Vancouver), The Radical Incidence of Tuberculosis in British Columbia; Dr. R. G. FERGUSON (Qu'Appelle, Sask.), A Plan for Improving Health of Indians. (2) Antituberculosis Schemes. To be opened by Dr. A. S. M. MACGREGOR (Glasgow), General Antituberculosis Schemes, followed by Dr. J. A. BEAUDOIN (Montreal), The Campaign against Tuberculosis in Quebec; and Dr. R. E. WODEHOUSE (Ottawa), Canadian Experiences in Tuberculosis Programmes.

TUBERCULOSIS.

President: Professor S. LYLE CUMMINS, C.B., C.M.G., M.D., LL.D., Cardiff.

Vice-Presidents: L. S. T. BURRELL, M.D., F.R.C.P. London; R. A. YOUNG, C.B.E., M.D., F.R.C.P., London; Professor DAVID ALEXANDER STEWART, B.A., M.D., LL.D., Ninette, Manitoba; CHARLES DANIEL PARFITT, M.D., M.R.C.S., L.R.C.P., Gravenhurst, Ontario.

Honorary Secretaries: R. R. TRAIL, M.D., M.R.C.P., King Edward VII Sanatorium, Midhurst, Sussex; BALDUR H. OLSON, M.B., Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—(Joint meeting with Section of Surgery.) *Discussion*: Recent Advances in Thoracic Surgery. To be opened by Professor E. W. ARCHIBALD (Montreal), The Scope of Thoracic Surgery, followed by Dr. R. A. YOUNG (London), The Medical Aspects of Thoracic Surgery; Mr. A. TUDOR EDWARDS (London), Malignant Disease of the Lung; Dr. W. L. MANN (Winnipeg), Phrenicotomy; Dr. J. D. MCEACHERN (Winnipeg), Closed Drainage in the Treatment of Empyema; Dr. N. S. SHENSTONE (Toronto), Pulmonary Lobectomy in Bronchiectasis; and Dr. J. RODDICK BYERS (Montreal).

Thursday, August 28th.—Discussion: Tuberculosis and Children. To be opened by Dr. MAURICE MCPHEDRAN (Philadelphia), followed by Dr. RAY PRICE (Toronto), Incidence of Bovine Type of Infection in Man; Dr. W. J. DOBBIE (Weston, Ont.), The Need for More Adequate Measures for the Prevention of Tuberculosis in Childhood; Dr. J. A. JARRY (Montreal), Childhood Tuberculosis and Housing; and Dr. BRUCE CHOWN (Winnipeg), Tuberculosis and Nutrition.

Friday, August 29th.—(Joint meeting with Section of Preventive Medicine.) *Discussions*: (1) Primitive Races and Epidemiology. To be opened by Professor S. LYLE CUMMINS (Cardiff), followed by Dr. J. HARVEY PIRIE (Johannesburg), Post-mortem Findings in South African Negroes; Professor J. G. FITZGERALD (Toronto), Laboratory Evidence as an Aid in Early Recognition of Tuberculosis and Contacts; Dr. C. H. VROOMAN (Vancouver), The Radical Incidence of Tuberculosis in British Columbia; Dr. R. G. FERGUSON (Qu'Appelle, Sask.), A Plan for Improving Health of Indians. (2) Antituberculosis Schemes. To be opened by Dr. A. S. M. MACGREGOR (Glasgow), General Antituberculosis Schemes, followed by Dr. J. A. BEAUDOIN (Montreal), The Campaign against Tuberculosis in Quebec; and Dr. R. E. WODEHOUSE (Ottawa), Canadian Experiences in Tuberculosis Programmes.

ANAESTHESIA.

President: RAYMOND E. APPERLY, M.R.C.S., L.R.C.P., London.

Vice-Presidents: H. W. FEATHERSTONE, M.D., Birmingham; I. W. MAGILL, M.B., B.Ch., London; Professor WILLIAM WEBSTER, M.D., Winnipeg; WESLEY BOURNE, M.D., Montreal.

Honorary Secretaries; F. B. PARSONS, M.B., M.R.C.P., 56, Trumpington Street, Cambridge; D. C. AIKENHEAD, M.D., 1095, Wolseley Avenue, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussions: (1) Anaesthesia for Operation upon the Gravid Uterus. To be opened by Dr. H. W. FEATHERSTONE (Birmingham), followed by Dr. S. JOHNSTON (Toronto) and Dr. DAVID FREEZE (Vancouver). (2) Technique in Endotracheal Anaesthesia. To be opened by Dr. I. W. MAGILL (London), followed by Dr. RALPH WATERS (Madison) and Dr. B. LEECH (Regina). (3) Post-operative Respiratory Complication during a Four-year Period. To be opened by Dr. D. C. AIKENHEAD (Winnipeg), followed by Dr. RAYMOND APPERLY (London) and Dr. F. J. G. LA FLECHE (Winnipeg).

Thursday, August 28th.—Discussions: (1) Sodium Amytal. To be opened by Dr. L. G. ZERFAS (Indianapolis), followed by Dr. J. S. LUNDY (Rochester), Dr. MARY E. BOTSFORD (San Francisco), and Professor W. E. DIXON (Cambridge). (2) Anaesthesia in Children. To be opened by Dr. C. H. ROBSON (Toronto), followed by Dr. J. A. BLEZARD (Alberta). *Paper*: Effects of some Non-volatile Anaesthetics upon the Rate of Secretion and Composition of the Urine and on the Function of the Liver, Dr. W. BOURNE (Montreal), Dr. M. BRUGER (Montreal), and Dr. N. B. DREYER (Montreal). Discussion by Dr. J. ORMEROD (Winnipeg).

Friday, August 29th.—Papers: Avertin, Dr. F. B. PARSONS (Cambridge); The Difference in Pre-operative Action of Sodium Amytal, Avertin, and Kernokton, etc., Dr. E. I. MCKESSON (Toledo).

The Section will join with the Section of Obstetrics and Gynaecology in the discussion of Dame LOUISE MCILROY'S paper on The Use of Sedatives and Anaesthetics in Labour.

The following Sections will meet on Two Days.

RADIOLOGY.

President: ALFRED ERNEST BARCLAY, M.A., M.D., D.M.R.E., Cambridge.

Vice-Presidents: MALCOLM DONALDSON, M.B., F.R.C.S., London; JAMES CURRIE MCMILLAN, M.D., Winnipeg; J. EUGENE PANNETON, M.D., Montreal.

Honorary Secretaries: ROY WARD, M.B., B.S., Radium Institute, Riding House Street, London, W.1; FRANK ANDREW SMITH, M.D., 491-421, Somerset Block, Winnipeg.

The following provisional programme has been arranged:

Thursday, August 28th.—Discussion: X-ray Diagnosis. To be opened by Dr. W. H. DICKSON (Toronto), Benign Gastric Tumours; Dr. A. H. PIRIE (Montreal), The Value of X-ray Diagnosis in Medico-Legal Cases; and Dr. A. E. BARCLAY (Cambridge), The Mechanism of Swallowing. (The members of the Section of Laryngology and Otology are invited to take part in the discussion of this paper.)

Friday, August 29th.—Discussions: (1) X-ray Therapy. To be opened by Professor J. E. GENDREAU (Montreal), followed by Professor JAMES EWING (New York City). (2) Radium in Cancer Therapy. To be opened by Dr. DOUGLAS QUICK (New York City), followed by Professor JAMES EWING (New York City). (3) Radium in the Treatment of Menorrhagia and Irregular Haemorrhage. To be opened by Mr. MALCOLM DONALDSON (London). (4) Radium in the Treatment of Epitheliomata of the Skin. To be opened by Dr. ROY WARD (London).

OPHTHALMOLOGY.

President: N. BISHOP HARMAN, M.A., M.B., F.R.C.S., London.

Vice-Presidents: ARTHUR JAMES BALLANTYNE, M.D., F.R.F.P.S., Glasgow; Mr. L. VERNON CARGILL, F.R.C.S., London; Professor THOS. HERBERT BELL, M.R.C.S., L.R.C.P., Winnipeg; IVOR GLEN CAMPBELL, M.D., Vancouver, B.C.

Honorary Secretaries: G. WHITESIDE ROBERTSON, O.B.E., M.D., C.M., The Laurels, Candie, Guernsey; F. D. MCKENTY, M.D., Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

First Day.—Discussion: The Control of Trachoma. To be opened by Mr. N. BISHOP HARMAN (London), followed by Mr. A. REID MOODIE (Dundee).

Second Day.—Discussion: The Management and Treatment of Incipient Cataract. To be opened by Mr. L. VERNON CARGILL (London), followed by Professor T. HERBERT BELL (Winnipeg) and Mr. ARTHUR W. ORMOND (London). *Paper*: Professor FRANK ALLEN (Winnipeg), Colour Vision.

Demonstration (in afternoon): A Loan Exhibition of Drawings of Eye Conditions, to be Demonstrated by Epidiascope, will be arranged by Mr. ARTHUR W. ORMOND (London). *Operations*: Dr. A. J. BALLANTYNE (Glasgow), "Bar" Operation for Ectropion with Anophthalmos. Mr. N. BISHOP HARMAN (London), Operations for Squint.

ORTHOPAEDICS.

President: E. LAMING EVANS, C.B.E., F.R.C.S., London.

Vice-Presidents: W. A. COCHRANE, F.R.C.S.Ed., Edinburgh; R. OLLERENSHAW, M.D., F.R.C.S., Manchester; HERBERT PETER HOWELL GALLOWAY, M.D., C.M., Winnipeg; WILLIAM GEORGE TURNER, M.D., C.M., Montreal.

Honorary Secretaries: R. WATSON JONES, F.R.C.S., 84, Rodney Street, Liverpool; A. P. MACKINNON, M.D., 661, Broadway, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussion: The Treatment of Congenital Dislocation of the Hip. To be opened by Mr. H. P. H. GALLOWAY (Winnipeg), followed by Mr. E. LAMING EVANS (London), Dr. T. HARTLEY MARTIN (Liverpool), and others. *Papers*: Dr. W. G. TURNER (Montreal), Derangements of the Knee-joint; Dr. A. GIBSON (Winnipeg), Semilunar Cartilages.

Thursday, August 28th.—Discussion: Fractures Involving the Knee-joint. To be opened by Mr. R. OLLERENSHAW (Manchester), Fractures of the Weight-bearing Areas; Mr. W. A. COCHRANE (Edinburgh), Epiphyseal Injuries; and Mr. R. WATSON JONES (Liverpool), Fractures of the Extensor Apparatus; followed by Dr. W. E. GALLIE (Toronto) and others. *Afternoon Session*: Clinical session arranged by the Winnipeg Members. Cinematograph Film: Abnormal Gaits in Children, Dr. W. G. TURNER (Montreal).

MEDICAL SOCIOLOGY AND HISTORY OF MEDICINE.

President: JOHN D. COMRIE, M.D., F.R.C.P.Ed., Edinburgh.

Vice-Presidents: R. G. MCGOWAN, M.D., Manchester; Sir JAMES BARRETT, K.B.E., C.B., C.M.G., M.D., Melbourne; J. H. HARVEY PIRIE, M.D., F.R.C.P.Ed., Johannesburg, S. Africa; HARRY MARTINDALE SPEECHLY, M.R.C.S., L.R.C.P., Winnipeg; Professor JAMES WELLINGTON CRANE, M.D., London, Ontario.

Honorary Secretaries: JOHN D'EWART, M.B., "Silverburn," Charlestown Road, Blackley, Manchester, E.; Professor J. C. B. GRANT, M.B., F.R.C.S.Ed., 307, Niagara Street, Winnipeg.

The following programme has been arranged:

First Day.—Discussions: (*a*) Migration within the Empire. To be opened by Dr. T. C. ROUTLEY (Toronto), followed by Mr. J. S. WOODSWORTH, M.P. (Winnipeg); (*b*) Migration and Health, Dr. J. S. PURDY (Sydney, N.S.W.); (*c*) Juvenile Immigration to Canada, Dr. H. M. SPEECHLY (Winnipeg).

Second Day.—Discussion: The Factors Influencing Health in Canada. To be opened by Dr. J. J. HEAGERTY (Ottawa). *Paper*: The Life of Sir John Richardson, Surgeon Explorer of the Arctic, Dr. D. A. STEWART (Ninette).

DISEASES OF CHILDREN.

President: ROBERT HUTCHISON, M.D., F.R.C.P., London.

Vice-Presidents: DONALD PATERSON, M.D., F.R.C.P., London; S. T. IRWIN, M.B., B.Ch., B.A.O., F.R.C.S.Ed., Belfast; STANLEY GORDON CHOWN, M.D., Winnipeg; Professor ALAN GOWANS BROWN, M.D., Toronto.

Honorary Secretaries: Mrs. HAZEL CHODAK GREGORY, M.D., M.R.C.P., 142, Harley Street, London, W.1; OSWALD JOHN DAY, M.D., 320, Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

Wednesday, August 27th.—Discussion: *Bacillus coli* Infections To be opened by Dr. K. D. WILKINSON (Birmingham), and Dr. D. N NABARRO (London), followed by Dr. H. BRUCE CHOWN (Winnipeg) Dr. OSCAR M. SCHLOSS (New York), and Dr. R. R. STRUTHERS (Montreal).

Friday, August 29th.—Discussions: (1) Disorders of Sleep. To be opened by Dr. H. CHARLES CAMERON (London), followed by Dr. R. F. RORKE (Winnipeg) and Dr. A. H. SPOHN (Vancouver). (2) Artificial Sunlight. To be opened by Dr. A. EIDINOW (London), followed by Dr. ALAN G. BROWN (Toronto), Professor H. B. CUSHING (Montreal), and Dr. A. M. DAVIDSON (Winnipeg).

LARYNGOLOGY AND OTOLOGY.

President: Sir STCLAIR THOMSON, M.D., F.R.C.P., F.R.C.S., London.

Vice-Presidents: A. J. M. WRIGHT, M.B., F.R.C.S., Bristol; FRANCIS F. MUECKE, C.B.E., M.B., F.R.C.S., London; Professor SAMUEL WILLIS PROWSE, M.D., F.R.C.S.Ed., Winnipeg; Professor HERBERT STANLEY BIRKETT, C.B., M.D., Montreal.

Honorary Secretaries: R. SCOTT STEVENSON, M.D., F.R.C.S.Ed., 137, Harley Street, London, W.1; Professor GEORGE WILLIAM FLETCHER, M.D., 215, Medical Arts Building, Winnipeg.

The following provisional programme has been arranged:

First Day.—Discussions: (1) Early Diagnosis of Septic Infection of the Lateral Sinus. To be opened by Mr. F. F. MUECKE (London), followed by Dr. J. T. ROGERS (Montreal). (2) Diagnosis of Cancer of the Larynx. To be opened by Mr. E. D. D. DAVIS (London), followed by Sir STCLAIR THOMSON (London).

Second Day.—Discussion: The Treatment of Paranasal Sinus Suppuration Persisting after Operation. To be opened by Dr. PERRY G. GOLDSMITH (Toronto) and Mr. A. J. M. WRIGHT (Bristol), followed by Dr. A. LOGAN TURNER (Edinburgh). *Papers*: Recent Efforts to Prevent Deafness amongst School Children, Dr. HORACE NEWHART (Minneapolis); A Safe Method of Treating Ethmoiditis (with specimen), Mr. E. A. PETERS (London).

The officers of the Section of Radiology invite the members of the Section of Laryngology and Otology to take part in the discussion on Dr. A. E. BARCLAY'S paper on The Mechanism of Swallowing, on Thursday, August 28th.

The Honorary Local General Secretary of the Annual Meeting is Dr. J. D. Adamson, 102, Medical Arts Building, Winnipeg, Manitoba.

Particulars of the journey to Canada, and of various alternative tours, may be obtained from the Financial Secretary and Business Manager, B.M.A. House, Tavistock Square, London, W.C.1.

SCIENTIFIC EXHIBITS.

THE committee which is responsible for the organization of the Pathological Museum in connexion with the Annual Meeting at Winnipeg, in August, has issued invitations to members who are proposing to be present to submit specimens, casts, photographs, diagrams, microscopical slides, or other material for display. The honorary secretary of the committee, Dr. Daniel Nicholson, has prepared a form on which advance notification of the nature of such exhibits can be conveniently recorded. Arrangements will be made for the provision of microscopes, if required. As many as possible of the exhibits should be sent, before August 7th, to the Pathological Museum, care of Dr. Daniel Nicholson, Medical College, Winnipeg, Manitoba, Canada. Address cards will be issued in due course. Dr. J. C. Boileau Grant is the chairman of the committee, and it is hoped that a particularly good and representative series of specimens and illustrations will be forthcoming.

PROVISIONAL TABLE OF EVENTS.

MONDAY, AUGUST 25TH.

9.0 a.m.—Registration, Winter Club.
9.0 a.m.—C.M.A. Council, Royal Alexandra Hotel.
1.0 p.m.—Annual Meetings—Manitoba, Saskatchewan, and Alberta Medical Associations.

TUESDAY, AUGUST 26TH.

9.0 a.m.—Registration, Winter Club.
10.0 a.m.—President-Elect opens Commercial Exhibition, Winter Club.
10.30 a.m.—President-Elect opens Scientific Exhibition, Winter Club.
11.0 a.m.—Adjourned General Meeting—Induction of President, Addresses of Welcome, Reception of Delegates, Presidential Address—Winter Club.
2.45 p.m.—Robing, Winter Club.
3.15 p.m.—Procession to Cenotaph. Religious Service, Parliament Buildings.
7.0 p.m.—Private Dinners.
9.30 p.m.—President's Reception, Parliament Buildings.

WEDNESDAY, AUGUST 27TH.

9.0 a.m.—Registration, Winter Club.
9.0 a.m.—Golf—Ontario Cup.
10.0 a.m.—Sectional Meetings.
1.0 p.m.—Irish Graduates' Luncheon.
1.0 p.m.—Civic Lunch.
1.0 p.m.—Luncheon, followed by Discussion on Aviation Medicine.
1.0 p.m.—Luncheon and Illustrated Lecture, Dr. T. G. Hamilton.
2.0 p.m.—Clinical Addresses, Winter Club. (1) Sir Lenthal Cheatle (London): The Primary Tumour in Carcinoma. (2) Dr. H. C. Cameron (London): Child Psychology.
4.0 p.m.—Indian Pageant, Tuxedo.
7.0 p.m.—Private Dinners.
8.0 p.m.—Public Meeting, Winter Club. Speakers: (1) Lord Dawson of Penn, (2) Dr. Robert Hutchison.
8.15 p.m.—Skating Carnival and Hockey Match, Amphitheatre Rink.
10.0 p.m.—Alumni Suppers.

THURSDAY, AUGUST 28TH.

8.30 a.m.—National Temperance League Breakfast.
9.0 a.m.—Registration, Winter Club.
9.0 a.m.—Golf—Ulster and Childe Cups.
10.0 a.m.—Sectional Meetings.
Military Luncheon.
2.0 p.m.—Clinical Addresses, Winter Club. (1) Sir William Wheeler (Dublin): The Significance of Surgical Recoil on Visceral Decompression. (2) Professor W. E. Dixon (Cambridge): Drug Addiction.
3.30 p.m.—Conferment of Honorary Degrees, Winter Club.
7.0 p.m.—Annual Dinner, Hudson's Bay Store.

FRIDAY, AUGUST 29TH.

8.30 a.m.—Medical Missionary Breakfast.
9.0 a.m.—Registration, Winter Club.
10.0 a.m.—Sectional Meetings.
2.0 p.m.—Clinical Address, Winter Club. Sir E. Farquhar Buzzard (Oxford): Rest, Work, and Play in Health and Disease.
4.0 p.m.—Entertainment, Lower Fort Garry.
7.0 p.m.—Private Dinners.
9.0 p.m.—Listerian Oration by Lord Moynihan of Leeds, Winter Club.

TRAVELLING ARRANGEMENTS.

FULL particulars of the travelling arrangements in connexion with the Winnipeg Meeting have been published in a booklet. The proposed itineraries of the various tours are summarized below, along with other relevant information. A copy of the booklet, which contains a form of notification to be returned to the Financial Secretary without delay, has been sent to every member who has expressed the intention of attending the Meeting.

SUMMARY OF PROPOSED ITINERARIES.

Tour A occupies four weeks, and costs £97. Members who join this tour leave Liverpool on August 15th and return to England on September 12th. Winnipeg is reached from Montreal via Fort William and Kenora. The return journey is as follows: Sault Ste. Marie, Port McNicoll, Toronto, Niagara Falls, Ottawa, to Montreal.

Tour A 1 provides an alternative return from Winnipeg via Minneapolis, Rochester, Chicago, Philadelphia, New York. Dates of departure and return are the same as in Tour A. The cost is £110 10s. A minimum of 15 persons is necessary, otherwise independent arrangements must be made by individual members.

Tour B will occupy five weeks, leaving Liverpool on August 8th and reaching England on September 12th. The cost is £111 10s., and the itinerary is: Quebec, Montreal, Niagara Falls, Toronto, Port McNicoll, Sault Ste. Marie, Fort William, Kenora, Winnipeg, Minaki, Ottawa, Montreal.

Tour B 1 provides the same itinerary to Winnipeg as Tour B; the return journey follows that of Tour A 1. Dates of departure and return are the same as in Tour B. The cost of this tour is £123 15s., but a minimum of 15 persons is required.

Tour C occupies seven weeks, and the cost is £163 10s. Members leave Liverpool on August 8th and return to England on September 26th. A special train will be provided for this tour. The itinerary is as follows: Quebec, Montreal, Niagara Falls, Toronto, Timmins, Minaki Lodge, Winnipeg, Saskatoon, Edmonton, Jasper, Vancouver, Victoria, Field, Emerald Lake, Lake Louise, Banff, Regina, Fort William, Port McNicoll, Toronto, Ottawa, with embarkation at Montreal on September 19th.

Tour C 1 follows the same itinerary as far as Winnipeg on the return journey; members then proceed according to the itinerary outlined in Tours A 1 and B 1. Dates of departure and return are the same as for Tour C. The cost is £172 10s. For this tour also a special train will be provided.

Tour D takes ten days, and costs £39 15s. The itinerary is: Montreal, Fredericton, St. John, Digby, Annapolis, Halifax, Sydney, Picton, Charlottetown, Moncton, Quebec. Members arrive at Montreal on September 5th, and at Southampton on September 23rd. This tour of the Maritime Provinces may be added to Tours A, A 1, B 1 from the date of arrival at Montreal on the homeward journey. A minimum of 15 persons is necessary.

General Information.

Passport Regulations.—The charge for a British passport, which is required to re-enter this country, is 7s. 6d. Two small unmounted photographs must accompany the application. Forms may be obtained from any Canadian Pacific office. The address of the Passport Office is 1, Queen Anne's Gate Buildings, Westminster, S.W. There is a branch office at 36, Dale Street, Liverpool. Residents in the Irish Free State are required to send passport applications to the Passport Department, 23, St. Stephen's Green, Dublin.

Visas.—Members travelling to the United States via Canada, or to Canada via the United States, must provide themselves with a United States visa or visa certificate, which may be obtained by applying to the nearest United States consul. United States consuls are located at Belfast, Birmingham, Bradford, Bristol, Cardiff, Dublin, Dundee, Dunfermline, Edinburgh, Glasgow, Hull, Leeds, Liverpool, London, Manchester, Newcastle-on-Tyne, Nottingham, Plymouth, Queenstown, Sheffield, Southampton, Stoke-on-Trent, Swansea. Members travelling to the United States via Canada must obtain the United States visa in this country before sailing; it cannot be obtained in Canada.

Head Tax.—Visitors to the United States must pay head tax of £1 13s. when booking their passage. To obtain refund of this tax temporary visitors to the United States, or those in transit through the States, who intend to leave within sixty days from the date of entry, must give this information on the U.S.A. declaration form completed at the time of booking. This intention must also be intimated to the United States immigration inspector at the port of landing. Application should be made to this official for certificate form 514, without which no application for refund will be considered. Refund will be arranged on presenting this certificate to any Canadian Pacific office in Great Britain.

Sailing Dates.—Tour A leaves Liverpool on August 15th by the s.s. *Duchess of York*, and Tours B and C by the s.s. *Duchess of Bedford* on August 8th.

Boat Trains.—Special boat trains will leave Euston about 9.15 a.m. on both dates. Members will be informed of the exact time of departure of the special train later.

Fares to Liverpool.—First class: £2 1s. 3d. Third class: £1 4s. 9d. Friends who wish to travel to Liverpool may obtain at the Canadian Pacific office, 62–65, Charing Cross, cheap return tickets, available for four days, as follows: London to Liverpool return, first class 55s., third class 33s.

Baggage.—Passengers are allowed 20 cubic feet (first class and cabin) and 15 cubic feet (tourist third cabin); the excess charge is 2s. 6d. per cubic foot. A free allowance of 150 lb. (first class) is made on all Canadian and United States railways. The excess charge on the former is about 12 per cent. of the railway fare per 100 lb.; on the latter 16⅔ per cent. Members are recommended to insure their baggage against loss, damage, or pilferage for a period sufficient to cover the journey. Policies may be obtained at any Canadian Pacific office.

Arrangements in Canada.

Hotel Accommodation.—Members are reminded of the difficulty in securing accommodation at the height of the tourist season in Canada. It would be of much assistance if those who are travelling alone would agree in emergency to share a double room with a colleague of their own choice.

Clothing.—Summer clothing is suggested, but a medium-weight overcoat, light rainproof, and woollen pullover or cardigan jacket should be taken. At most of the larger hotels it is possible to get linen laundered and returned within twenty-four hours.

Money.—Members are recommended to take their money in the form of Canadian Pacific express travellers' cheques or drafts.

Any further information may be obtained from the Financial Secretary at B.M.A. House, Tavistock Square.

Aerial Tours.

In connexion with Tours A and B arrangements are being made for the British delegates who will visit Kenora to have an aeroplane excursion over the Lake of the Woods; the cost of this has not yet been announced. The June issue of the *Manitoba Medical Bulletin* contains an account of attractive aerial tours for members attending the Annual Meeting at Winnipeg. It is proposed to transport by air some of the party at Kenora on the afternoon or evening of Monday, August 25th, to Winnipeg, a distance of 216 miles. This flight would last rather over two hours, and would enable the passengers to obtain a wide view of lake country; the fare is stated as 80 dollars. Another tour, from Minaki, Ontario, to Winnipeg, will cover practically the same route, the fare being 78 dollars. A plane will be available at Lac du Bonnet for a flight of forty-five minutes to the Central Manitoba mining area, the single fare being given as 30 dollars and the return fare 50 dollars. A fourth tour will convey parties by air from Winnipeg to Victoria Beach, following the Red River north to Lake Winnipeg and passing over Lower Fort Garry; the fare stated is 35 dollars. Those wishing to visit Lower Fort Garry by air for the entertainment in the afternoon of Friday, August 29th, a plane seating nine passengers will be available at the Winnipeg air port, making this flight of twenty miles in approximately ten minutes. The single fare will be 5 dollars and the return fare double that. It is possible, however, that the fares mentioned may be reduced.

HINTS ON TRAVEL IN CANADA.

SINCE travel in Canada differs in many respects from travel in the United Kingdom it is well for visitors to the Dominion in August to know something of the conditions that obtain at that time. For the following hints we are indebted to Miss Hilda Hesson.

Luggage and Clothes.

On shipboard both men and women will require heavy clothing for the crossing, warm underwear, warm suits or dresses, comfortable coats, gloves, and a soft hat or cap. For the men dinner jackets will be found sufficient for evening occasions. Deck chairs and rugs may be rented for 10s. from the steward, or they may be engaged at the London office.

On arrival in Canada it will be found convenient to check steamer clothes in Montreal, to be placed on the home-going ship. Warm clothing will not be required in Canada during August and September. On the train from Montreal to Winnipeg one should wear only light clothing that can be readily cleaned. Dry cleaning is quickly and inexpensively done in Canada.

At Winnipeg an ordinary light-weight business suit is all that is required for general wear and sectional meetings. Golfers should bring appropriate dress, as there are many golf courses about Winnipeg. The usual morning coat, dinner jacket, and evening clothes are worn on official, semi-official, and social occasions. Academic dress, while not obligatory, is greatly desirable at the annual Religious Service, the President's Address and Reception, the University Convocation, and the Listerian Oration; on these occasions decorations may be worn.

Among the small things that make long-distance travel more comfortable are collapsible toilet cases, hook trouser hangers, collapsible aluminium shoe trees, and coat hangers.

Heavy luggage can be checked—that is, registered—on arrival at the docks in Montreal, through to Winnipeg. Checks presented on arrival there, at the baggage office in the railway station, will claim the luggage, which can then be sent direct to hotel or residence. Necessary luggage could be conveniently confined to a steamer wardrobe trunk, and a small kit-bag or suit-case for the train journey.

The Train Journey in Canada.

Trains leaving Montreal will carry not only the regular Pullman sleeping cars, with upper and lower berths, but, in addition, compartment cars and observation cars. The Pullman cars have dressing rooms at either end, while the compartments

(which also provide two berths) are small rooms, with toilet accommodation. The observation cars are for the use of all passengers, and contain libraries of magazines and books, which may be had on application to the porter. In the latest cars of this type shower-baths are provided, and arrangements can be made with the porter for pressing clothes. Shoes to be cleaned are placed outside the berths or compartments. The porter in charge of each car is coloured, and is always a reliable and obliging man. The customary tip to him on leaving the train is at the rate of a shilling a night per person. The conductor, in charge of the whole train, is the official who corresponds to the English guard. The chief steward is in charge of the dining car, where meals are served *à la carte*. "Red caps," so called for their red headgear, meet all trains at important stations, and carry passengers' hand baggage; the tip averages threepence to sixpence per bag, and a shilling is usually the maximum.

Meals and Hotel Accommodation.

Meals in Canada differ from English meals in many respects. Breakfast begins with fresh fruit, and it is advisable to eat all the fruit and vegetables possible, and less meat than in England. Bacon and eggs are the usual breakfast dish, with toast and muffins. Lunch may consist of a soup, salad, and dessert. Tea or coffee is always offered with lunch in this country. Ices will be found very delectable, and are largely used in the summer. Water is always iced (unless by request), and is pure and good. Afternoon tea is not served as part of the routine in hotels, but can be obtained there always, and in numerous small tea-rooms throughout the cities. Dinner is usually eaten at seven o'clock, and no wines or liquors are served with meals in hotels in Canada, except in the province of Quebec. All liquors, however, can be obtained with a Government permit (costing four shillings), at the Government liquor stores, and can be taken to the hotel rooms. All the best-known brands of Scotch and Irish whiskies can be purchased here. The ale, locally made, is heavier than English ale.

Shoes are not placed outside the doors in Canadian hotels or private houses, but are cleaned by bootblacks in the barber shops or small bootblack shops scattered throughout the city. A hotel valet will press and clean visitors' clothes overnight. In the majority of private houses in Canada only one maid is kept, and there are therefore many small services which cannot be rendered as they are in England. Morning tea is not a custom of the country, but most guests will find they are offered it, and it can always be arranged for at the hotels.

Nearly all rooms in Canadian hotels have connecting bathrooms, and soap is always provided in trains and hotels without extra charge. The telephone is used for rapid communication, and every firm, and nearly every private individual, has a telephone in Canada. Telegrams are never sent locally. Letters to the British Isles and the United States take a two cent stamp.

Taxis are more expensive than in England, and if the cab is not provided with a meter it is well to ask the driver to state his price before engaging him. Definite routes have definite prices.

Equipment for Ladies.

Ladies accompanying the party will find the following suggestions of help to them. Warm clothing, as outlined in paragraph 2, for the boat. Two plainly made, uncrushable dinner dresses, a warm evening wrap or shawl, and comfortable shoes and slippers will complete the necessities for the boat.

For train travel, a plain dark silk dress or suit is advisable. A figured foulard, a taffeta, or any of the fugi or fibre silks, is appropriate. Washable gloves, silk underwear, and a dark leather purse should accompany this. A small bag for toilet necessities will be found a comfort on the train. For a night journey dark silk pyjamas, a dark dressing-gown, and folding boudoir slippers are comfortable. It is customary in Canada for women to proceed through the Pullman car to the dressing-room in a dressing-gown, and a little practice will help travellers to become quite expert in dressing and undressing in their berths. They need have no fear of sleeping in these curtained niches; the linen is absolutely clean and sanitary, and each traveller is quite unseen by the other occupants of the car.

Wool sports clothes, or dark silk dresses, will be found appropriate for most occasions. One light-weight tweed coat or suit, an evening wrap, a couple of evening dresses, and an afternoon dress of lace or georgette, a waterproof (mackintosh), and appropriate shoes, will be found adequate. If a shoe box is not carried, wrap each shoe in a chintz square, tied with tape; fold dresses over cardboard, and lay between layers of tissue paper. Canadian electric fixtures do not take English fittings, but flexible cord for travelling irons may be purchased in Canada. A good supply of gloves should be packed, but silk stockings should be bought after arrival. Canadian shoes are made on different lasts from English shoes, and will be found unsuitable for the average English foot.

Miss Hesson ends her note with the following advice: Do not bring expensive jewellery with you: it will only be a care when travelling. Take your money in travellers' cheques, as these will be found infinitely more convenient than a letter of credit. Carry a good-sized purse to hold passport, glasses, and cheque book. Bring dark glasses, Eno's fruit salt, a small sewing kit, smelling salts, a refreshing toilet water, cold cream, and cleansing tissues. Eat lightly while travelling, and you will enjoy the journey.

POSTAL ARRANGEMENTS.

In order to save loss of time in delivery of letters, telegrams, cables, etc., members who are touring Canada in connexion with the Annual Meeting in Winnipeg are advised to have their mail addressed as follows:

Member's name,
c/o General Passenger Agent (G. A. Walton, Esq.),
Canadian Pacific Railway Company,
Windsor Station,
Montreal.
Tour.....B.M.A.

For members travelling by Tours A, A 1, B, and B 1, the latest date for posting letters from England would be August 27th; cables could be sent up to September 2nd. With regard to Tours C and C 1, the latest date for posting letters from England would be September 9th, and for cables September 17th.

Association Notices.

PROPOSED AMALGAMATION OF AREA OF LEIGH DIVISION WITH THAT OF WIGAN DIVISION.

Notice is hereby given by the Council of the Association to all concerned of the following proposal made by the Lancashire and Cheshire Branch Council:

That the area of the Leigh Division of the Lancashire and Cheshire Branch be included in the area of the Wigan Division thereof, the area of the Wigan Division to be thus constituted as follows:

County borough of Wigan; metropolitan borough of Leigh; urban districts of Abram, Ashton-in-Makerfield, Aspull, Asherton, Billinge, Golborne, Hindley, Ince-in-Makerfield, Orrell, Standish with Langtree, Tyldesley, and Upholland; and rural districts of Leigh and Wigan.

Written notice of the above proposal has been given to the Leigh and Wigan Divisions, and the matter will be determined in due course by the Council of the Association. Any member affected by the proposed change, and objecting thereto, is requested to write, giving reasons, to the Medical Secretary, B.M.A. House, 19, Tavistock Square, London, W.C.1, not later than August 19th, 1930.

ALFRED COX,
Medical Secretary.

July 15th, 1930.

BRANCH AND DIVISION MEETINGS TO BE HELD.

Northern Counties of Scotland Branch.—The annual meeting of the Northern Counties of Scotland Branch will be held in the Columba Hotel, Inverness, on Thursday, July 31st, at 12.30 p.m. Members and guests will have lunch in the hotel at 1 p.m.

TABLE OF DATES.

July 18, Fri.	*Annual Representative Meeting*, B.M.A. House, London.
July 19, Sat.	*Annual Representative Meeting*, London.
July 21, Mon.	*Council.* *Annual Representative Meeting*, London.
July 22, Tues.	*Annual Representative Meeting*, London. Annual General Meeting (business part of), London. *Council.*
Aug. 26, Tues.	Annual Meeting, Winnipeg, Canada.
Aug. 27, Wed.	Annual Meeting, Winnipeg, Canada.
Aug. 28, Thurs.	Annual Meeting, Winnipeg, Canada.
Aug. 29, Fri.	Annual Meeting, Winnipeg, Canada.

ALFRED COX, *Medical Secretary.*

Meetings of Branches and Divisions.

ABERDEEN BRANCH: ABERDEEN DIVISION.

A SPECIAL meeting of the Aberdeen Division was held on May 29th to consider the Medical Services Report of the Council (*Supplement*, April 26th, 1930). The discussion was opened by Dr. THOMAS FRASER, who outlined the trend of affairs which had led up to the publication of the report. Dr. J. A. STEPHEN discussed the maternity and child welfare aspects of the report. He pointed out that in the event of the extension of medical benefit to the dependants of insured persons, much of the work for which special arrangements had now to be made would be done by the family doctor, which the Association considered to be ideal. Dr. SKINNER discussed the probabilities of the scheme from the point of view of school medical and Poor Law work. Dr. DAVID RORIE outlined the insurance provisions of the report, and pointed out the advantage to the profession of having a definite scheme to put forward, rather than having one thrust upon them. Mr. MITCHELL discussed the report from the point of view of a specialist.

Dr. DREVER, the Scottish Secretary, gave a clear exposition of the *raison d'être* of the report. He pointed out how, in the course of the last few decades, spasmodic efforts had been made to deal with problems presented by groups of individuals, such as school children and mothers and babies, and for groups of diseases such as tuberculosis and venereal infections. There had been hitherto no real effort at co-ordination. The Medical Services Report was an attempt to consider the whole problem as one, and to produce a reasoned scheme for providing proper medical attention to the whole community. He suggested that the eight fundamental principles of the report should be considered seriatim by the meeting. This was subsequently done, and all the principles were agreed to. Dr. CHARLES FORBES discussed principle VII, which related to the extension of medical benefit to dependants of insured persons. He declared that this was the only alternative to a whole-time State service, and, in his opinion, greatly preferable to the latter. A vote was taken in regard to this, and the principle was approved by 54 votes to 1.

It was decided to defer more detailed consideration of the report to a subsequent meeting.

CAMBRIDGE AND HUNTINGDON BRANCH: CAMBRIDGE AND HUNTINGDON DIVISION.

Two meetings of the Cambridge and Huntingdon Branch were held in Cambridge on May 27th. The following officers were elected:

Chairman, Dr. E. W. Goodall. *Secretary*, Dr. J. C. Hall. *Representatives in Representative Body*, Drs. Stevenson and Waters. *Deputy Representatives in Representative Body*, Drs. Goodall and Taylor.

The annual report was passed. The question of fees paid to doctors called to street accidents by the police was discussed. It was stated that there was, apparently, no system of charges in Cambridge county or borough, but the police were usually prepared to pay on receipt of a claim.

At a subsequent combined meeting with the Isle of Ely Division, when Dr. GOODALL was in the chair, the Annual Report of Council was considered and some of the minor recommendations discussed; it was however felt that the main part was so important that it required a special meeting. A committee of six was appointed to examine the report, and to arrange a general meeting before the Annual Representative Meeting.

ESSEX BRANCH.

THE annual meeting of the Essex Branch was held at the Red Lion Hotel, Colchester, on May 27th, when Dr. REYNOLDS BROWN was in the chair, and nineteen members attended. The meeting was preceded by a luncheon, when fifteen members were present.

The HONORARY SECRETARY reported on the work of the Branch during the past year and the financial position.

The following officers were elected for 1930–31:

President, Dr. A. Nolan Fell (Colchester). *President-Elect*, Dr. J. F. Walker (Southend-on-Sea). *Vice-Presidents*, Dr. J. D. Wells (Billericay), Dr. W. F. Corfield (Colchester). *Honorary Secretary and Treasurer*, Dr. Reddington (Colchester).

Dr. REYNOLDS BROWN congratulated the new president upon his election and invested him with the chain of office, and Dr. FELL suitably replied.

Dr. MARSHALL gave a most illuminating address upon the origin and causes of bronchitis. He discussed the use of vaccines, which he considered to be particularly useful in prophylaxis. His description of the difficulty of diagnosing chronic bronchitis from tuberculous lung conditions was listened to with particular interest. He then described a condition of interstitial pneumonia which was liable to recur, and was most difficult to diagnose. At the conclusion of the address he answered a number of questions.

The PRESIDENT, in thanking Dr. Marshall for his paper, said that all present would agree that the very clear account of the various lung diseases had thrown fresh light upon conditions that were frequently most difficult to diagnose and treat successfully.

The President subsequently entertained the members to tea.

GLASGOW AND WEST OF SCOTLAND BRANCH: AYRSHIRE DIVISION.

A MEETING of the Ayrshire Division was held in the Cunningham Combination Poorhouse, Irvine, on May 29th, when there was a large and representative attendance. Dr. C. BIGNOLD, M.O.H., Ayrshire, outlined his plans under the new Local Government Act under three heads: (1) treatment of indigent poor, possibly on a panel system; (2) provision of ante-natal and post-natal clinics, with increased hospital accommodation for maternity cases; and (3) increased provision of beds in general hospitals as required. A medical consultative committee was appointed to confer with the medical officer of health, and to discuss the practical operation of schemes introduced under the Local Government Act (Scotland).

HERTFORDSHIRE BRANCH: BARNET DIVISION.

A MEETING of the Barnet Division, preceded by a dinner, was held at the Salisbury Hotel, Barnet, on May 21st; Dr. HYSLOP THOMSON, county medical officer of health, was an official guest.

Mr. JACKSON, Government entomologist, Tanganyika, delivered an address in which he gave a remarkable description of the ravages caused among cattle by trypanosomiasis, and the serious effect on the countryside of overgrazing due to crowding of cattle into non-infested areas. He described at some length the extraordinarily minute investigations his department was making to discover the life-habits of the individual fly: *inter alia*, how flies were caught; marked with oil paints on the thorax to identify them and indicate their state of nutrition, etc.; liberated; and later caught again and reidentified in a fresh district.

On the motion of Dr. HARNETT a hearty vote of thanks was unanimously accorded to Mr. Jackson for his interesting address.

KENYA BRANCH.

A MEETING of the Kenya Branch was held at the Native Hospital, Nairobi, on May 14th. Dr. A. J. JEX-BLAKE read an interesting paper on bronchiectasis and demonstrated a case. The PRESIDENT (Dr. J. H. Sequeira) and a number of members discussed the paper. The meeting passed, with one dissentient, a resolution expressing its regret and concern at the proposal of the Government to abandon the scheme of "grouped hospitals" for Nairobi, and it was decided to send a copy of the resolution to His Excellency the Governor.

LANCASHIRE AND CHESHIRE BRANCH: SOUTHPORT DIVISION.

A MEETING of the Southport Division was held on May 23rd, when the Proposals for a General Medical Service for the Nation were discussed, and the following four resolutions were passed for submission to the Annual Representative Meeting:

> That having regard to the value to the community of their work, the present remuneration of general practitioners is by no means excessive, and under the National Health Insurance Acts is definitely inadequate. We therefore move that no scheme be accepted which is based on a lower scale of remuneration than that at present in force.
>
> That the scope of the scheme, with reference to the persons to whom it applies, should be definitely stated.
>
> That an addition be made to the capitation fee paid to the general practitioner for carrying out his teaching in preventive medicine.
>
> That this Division heartily approves of the Association's efforts to supply a comprehensive Medical Service for the Nation, but considers the proposed scheme to be of such importance that it is unwilling to pass a resolution approving the entire scheme without an assurance that arrangements for medical work organized by local authorities, voluntary hospitals, voluntary societies, and the like, which can be proved to be in the interests of the community, should not be interfered with in any way other than in the way of development; and that the underlying principle of any such scheme which may finally be agreed shall be solely the welfare of the public.

METROPOLITAN COUNTIES BRANCH: HARROW DIVISION.

ON May 18th some members of the Harrow Division, at the invitation of Major Salmon, visited the food factory of Messrs. Lyons. The first thing shown was their clinic, the arrangements of which are very good, after which the preparations of various foods were seen and a tea enjoyed. The cleanliness of the factory received very favourable comment.

THE annual general meeting of the Harrow Division was held on May 27th; twenty-four members were present. The following officers were elected for 1930–31:

Chairman, Dr. H. Vickers (Uxbridge). *Vice-Chairman* (to be elected). *Honorary Secretary and Treasurer*, Dr. Gaussen (Burnt Oak). *Representative in Representative Body*, Dr. H. L. Hatch (Pinner). *Deputy-Representatives in Representative Body*, Dr. W. A. Wilson-Smith (Harrow), Dr. Brunton (Wembley).

The meeting adopted the following motion:

> That the Harrow Division of the B.M.A. at its annual general meeting on May 27th, 1930, passes a vote of thanks to the Council for its work on the Public Medical Services Scheme, and that the Division has every confidence in the Council's ability to carry out the scheme in the best interests of the public and profession.

METROPOLITAN COUNTIES BRANCH: LAMBETH AND SOUTHWARK DIVISION.

A SPECIAL meeting of the Lambeth and Southwark Division was held at the Belgrave Hospital, S.W.9, on May 20th, when Dr. M. J. FENTON was in the chair. Dr. G. C. ANDERSON, Deputy Medical Secretary of the B.M.A., presented a concise report on the Medical Service for the Nation Scheme, the revised Hospital Policy, and the extension of benefits to dependants of insured persons under the National Health Insurance. After a lengthy discussion, in which nearly all members present participated, the representatives for the Annual Meeting were instructed to support the Council in its recommendations, subject to an amendment in para. 35 of the revised Hospital Policy that the word "means" should be deleted and the words "definite system" be inserted. The following were elected as representatives in the Representative Body: Dr. M. J. Fenton, Dr. J. H. Mellotte, and Dr. J. F. Murphy.

METROPOLITAN COUNTIES BRANCH: LEWISHAM DIVISION.

A CLINICAL meeting of the Lewisham Division was held at the South-Eastern Children's Hospital, Sydenham, S.E., on May 27th. Dr. G. W. CHARSLEY showed an infant (an eighth child born at term) with congenital inability to swallow, paralysis of the legs, and the development of hydrocephalus; a boy, aged 4 months, with vomiting and marasmus, probably due to pyloric spasm; a boy, aged 6 months, with good result after an operation for pyloric spasm; and a boy, aged 10 months, similarly treated. Dr. LIGHTWOOD showed an old case of acute encephalitis in a girl aged 5 years. Dr. CARPMAEL showed a sister and brother with congenital malformation of hands and toes and peculiarity of facies; a boy of 3 years, who had had an ear of grass removed from the bronchi, a foreign body abscess of lung having formed. The grass entered the lung in June, and pneumonia ensued in August; and a boy, aged 6, with an old fracture of the skull and persistent headache. Dr. RICHARDSON showed a girl aged 10, with the head of the radius removed by operation for fracture; and a boy, aged 6, with refracture of the radius and ulna. Dr. WHITTINGTON showed a boy with optic atrophy after fracture of base of skull; a boy, aged 12, with double primary optic atrophy; a girl, aged 9, with a wound of the cornea through which the iris had prolapsed; and a boy with early traumatic cataract. Dr. LISTER showed two cases of chorea treated with nirvanol.

METROPOLITAN COUNTIES BRANCH: MARYLEBONE DIVISION.

A MEETING of the Marylebone Division was held in the rooms of the Medical Society of London on May 28th, when Mr. W. G. SPENCER was in the chair, supported by Sir STCLAIR THOMSON, vice-chairman, and thirty-one other members were present. The Council's proposals (A.R.M.(2a) 1930) were unanimously approved as a contribution on lines acceptable to the profession towards a General Medical Service for the Nation.

METROPOLITAN COUNTIES BRANCH: WANDSWORTH DIVISION.

A MEETING of the local medical profession was held at the Town Hall, Wandsworth, on June 5th, when the recommendation of the Council, "That the time is now ripe for the medical profession to ask for the inclusion under the national health insurance service of the dependants of insured persons" was discussed. Dr. T. H. GARDNER presided. There was an attendance of 28—about 1 out of every 14 of the practitioners invited.

Dr. Gardner, in introducing the discussion, said that the Council of the Association had been giving great attention to the encroachments on the sphere of private practice, and his feeling was that it must have good reason for making the recommendation. Much was said about loss of freedom, but that was the trend of evolution in these matters. Some had complained that in times past the British Medical Association had let the profession down. He considered that this was putting the blame where it was not deserved. The two things that had let the profession down had been apathy and disagreement among the doctors themselves.

Dr. CARSWELL said his opinion was that the Council was letting the profession down. How had the Council come to take up the position it had taken? Had the national health insurance system been such a success that it could talk about the time being now ripe for its extension? He considered there was no demand for this action of the Council. He rather thought it was stupid, and he suspected collusion with Government officials. The independence of the profession was being thrown away.

Dr. BIGGS defended the action of the Council, which he maintained was doing its best. Important political changes had taken place in the last few years. Enormous powers had been given to local authorities. Whatever the medical profession might think, the Minister of Health could veto schemes on grounds of inefficiency only.

Dr. PALMER welcomed the pronouncement of the Council, as showing that it was awake and looking into the future. The national health insurance service was useful to the doctor, as he was able to utilize means that a poorer patient would have great difficulty in finding apart from State assistance.

Dr. GRAY, after referring to the activities of public authorities and hospital out-patient departments, strongly supported the recommendation of the Council.

Dr. POLLOCK said he sympathized with Dr. Carswell in what he said about independence. He himself loved independence as much as anyone. He felt, however, that in these days this independence was a sort of will o' the wisp, and on grounds of expediency, apart from any others, he supported the recommendation of the Council.

Dr. CARSWELL afterwards proposed that the inclusion of the dependants under the national health insurance system should be opposed by the medical profession. Dr. KENNISH seconded, saying at the same time that he did so in order that the motion could be put before the meeting, but that the issue did not affect him personally.

Dr. Carswell's motion was carried by 15 to 10.

MIDLAND BRANCH: KESTEVEN DIVISION.

THE annual meeting of the Kesteven Division was held at Grantham on May 30th. The following officers were elected:

Chairman, Dr. H. N. Turner. *Vice-Chairman*, Dr. G. C. Middlemist. *Secretary*, Dr. F. P. N. Parsons.

The Annual Report of Council was fully discussed. The Association's Proposals for a General Medical Service were approved, except for principle VIII, on which divergent opinions were held. Several matters of local interest were also considered.

NORTH LANCASHIRE AND SOUTH WESTMORLAND BRANCH: FURNESS DIVISION.

THE annual meeting of the Furness Division was held at the Victoria Park Hotel, Barrow, on May 20th, when Dr. CARSON was in the chair.

A letter was read from the town clerk of Barrow fixing a date for the Sandor Foam Baths demonstration. It was decided to invite the Kendal Division on the occasion of the delivery of a British Medical Association Lecture, which was being arranged. The report of the executive committee was adopted, and a vote of thanks was accorded to the secretary. Dr. WILSON was elected chairman and thereupon presided. The representative (Dr. J. Livingston) and deputy representative (Dr. R. Fawcitt) in the Representative Body were re-elected. On the motion of Dr. DANIEL, seconded by Dr. CROSS, a vote of thanks was accorded to the retiring chairman, Dr. Carson.

The Report of Council was considered. The chairman having detailed the proposed changes in the Divisions and Branch areas, it was decided to leave the question in the hands of the executive. Dr. PETRIE gave a summary of the report. The recommendations in paragraphs 69, 75, and 88 were agreed to *nem. con.*, and paragraph 91, as amended by Brighton, was agreed to. The recommendation relating to the inclusion of dependants under the Insurance Acts was agreed to by the casting vote of the chairman. Dr. ALEXANDER introduced a discussion on the portion of the report dealing with Hospital Policy, which was approved. Dr. LIVINGSTON dealt with the proposed General Medical Service Scheme; a general agreement was reached, though some of the details were not considered quite satisfactory. It was decided that a definite statement as to remuneration should be included in the scheme.

Votes of thanks were accorded to the introducers of each portion of the report.

NORTHERN COUNTIES OF SCOTLAND BRANCH.

A CLINICAL meeting of the North of Scotland Branch was held in the Northern Infirmary, Inverness, on May 28th, when Dr. GEORGE WILSON (Nairn) was in the chair, and twenty-nine members were present.

Several interesting cases and results were shown by Mr. A. J. C. HAMILTON, Mr. HUGH MILLER, and Dr. W. J. BETHUNE. Dr. E. G. COLLINS gave a short talk on malignant disease of nose and antrum. Several pathological specimens were on view.

At the close of the meeting tea was served by the matron and sisters of the Infirmary, and members had an opportunity of inspecting the new extension buildings.

NORTHERN COUNTIES OF SCOTLAND BRANCH: BANFF, MORAY, AND NAIRN DIVISION.

A SPECIAL meeting of the Banff, Moray, and Nairn Division was held in Gray's Hospital, Elgin, on May 27th, when Dr. BEATON (Forres) presided over an attendance of twenty-two members. The chairman read the replies received from the Department of Health for Scotland, the Scottish Office, and the county council to the further resolution passed by the Morayshire men at the last meeting regarding their position under the reorganization of hospitals scheme for Scotland.

The meeting unanimously approved the following minute of appreciation to Dr. Sellar (Aberlour):

"The Division accepts with great regret Dr. Sellar's resignation, and wishes to place on record its appreciation of his services rendered to the Division. From 1912, when he was president of the Branch, until 1921 he rendered continuous service, which was particularly valuable during the war years, when he acted as secretary at no doubt great personal inconvenience to himself. Had it not been for his devotion to the interests of the Association, the Division would not now be in the highly flourishing condition that it is. The Division hopes that he may be long spared to enjoy his leisure, and if at any time he could see his way to join them in their deliberations and give them the benefit of his counsel he would be assured of a most cordial welcome."

The Annual Report of Council was considered. The Proposals for a General Medical Service for the Nation aroused much discussion. The representative was duly instructed, and the secretary was directed to forward certain amendments and riders to the Head Office.

OXFORD AND READING BRANCH: OXFORD DIVISION.

THE third sessional meeting of the Oxford Division was held at the Radcliffe Infirmary, Oxford, on May 21st, when Dr. RUSSELL was in the chair.

With reference to the best way of obtaining the information required by the Head Office regarding local payments to practitioners it was agreed, on the motion of Dr. YELF, seconded by Dr. WOODROFFE, that the matter should be referred to the medical officers of health in question. The proposed reorganization of the divisional areas was approved.

Dr. STOBIE showed a man, aged 26, with congenital stigmata, and with arthritis of the left knee of six months' duration. He also showed a woman, aged 22, with hereditary spastic paraplegia who had two brothers suffering from the same complaint. Dr. COLLIER showed two stepbrothers, aged 6 and 13; one was a Cretin and the other a Mongol. Mr. BEVERS showed a well-marked case of Sprengel's shoulder in a girl aged 17. The *x*-ray examination revealed an apparent exostosis, two wedge vertebrae, and a vestigial rib on the side of the elevation. He also showed *x*-ray prints of gunshot pellets in the subject of a recent local wounding affair. The pattern of the shot was not considered to conform to the range at which the weapon was said to have been fired.

Mr. J. EVERIDGE gave an address on pyelography in which he

went fully into the history of methods, the testing of the toxicity of the fluids, the preparation of the patients, and the advantages of modern pyelography tables. He demonstrated by means of numerous films that the uroselectan method had certainly come to stay.

On the motion of Mr. BEVERS, seconded by Dr. CHEATLE, a vote of thanks was accorded to Mr. Everidge for his interesting address.

SOUTHERN BRANCH: ISLE OF WIGHT DIVISION.

THE annual meeting of the Isle of Wight Division was held at Osborne House on May 17th, when sixteen members and several guests were present. Major-General Sir S. G. GUISE-MOORES, K.C.B., C.M.G., was inducted into the chair, and Dr. W. W. JEUDWINE was appointed chairman-elect. All other officers were re-elected. Mr. GEO. E. GASK, C.M.G., consultant to Osborne House, gave a most interesting address on radium, tracing its history, describing its characteristics and its effects, and showed a series of slides demonstrating its remarkable effects in the treatment of mammary, buccal, and lingual cancers. After the lecture he answered many questions put by members, and, on the proposal of the CHAIRMAN, a very hearty vote of thanks was accorded to him for his instructive address.

SOUTHERN BRANCH: PORTSMOUTH DIVISION.

THE annual dinner of the Portsmouth Division was held at the Queen's Hotel, Southsea, on May 29th, under the chairmanship of Dr. H. H. WARREN, when about a hundred members and guests were present.

The toast of "The President" was proposed by Dr. H. JEANS, who said that it was due entirely to Dr. Warren and Dr. Mearns Fraser that the local Division had been rejuvenated and brought to its present satisfactory position. It was at the moment one of the leading Divisions in the country, not only in membership, but as regards attendances at meetings. He commended Dr. Warren's great organizing ability on behalf of medical charities. The toast was received with musical honours. Dr. WARREN, on rising to reply, was received with acclamation. He paid high tribute to the work of the honorary secretary, Dr. Gittings, and remarked that the success of the meetings of the Portsmouth Division was so well known that there was no difficulty in attracting well-known members of the profession to attend and give addresses. The Division had also done remarkably well in collecting subscriptions for the medical charities; it was now in the proud position of having subscribed more than any other Division in the country. Dr. MEARNS FRASER, in proposing the health of "The Honorary Secretary" (Dr. Gittings), said he had never met such a glutton for work as Dr. Gittings, who, during the last three years, had laboured energetically for the Association. The toast was duly acknowledged by Dr. GITTINGS.

Proposing the toast of "The Lord Mayor and Corporation," Dr. R. J. LYTLE paid tribute to the great social work of Councillor J. E. Smith. The members of the British Medical Association were greatly indebted to him for the enthusiastic way in which he had conducted the hospital building fund to a successful conclusion. In his work in connexion with the health, happiness, and welfare of the children of the city the Lord Mayor had been assisted by one of their own members, Councillor Bosworth Wright. The LORD MAYOR, in responding, expressed the hope that when he went out of office the city would be in a more progressive state than when he was appointed. He was glad to say that Southsea and Portsmouth were going ahead. The toast of "The Guests" was proposed by Dr. BOSWORTH WRIGHT, who referred to the great hospitality which the Lord Mayor had always extended to visitors. Sir THOMAS BRAMSDEN (the city coroner) and Major R. BULLIN duly acknowledged the toast on behalf of the guests.

SOUTH WALES AND MONMOUTHSHIRE BRANCH.

A SOCIAL meeting of the South Wales and Monmouthshire Branch was held (by kind invitation of the South-West Wales Division) at the Queen's Hotel, Aberystwyth, on May 31st, when Dr. ABRAHAM THOMAS (Aberystwyth) was in the chair. Although the weather was very unsettled, fifty-five members attended from South, West, and Mid-Wales. A British Medical Association Lecture was delivered by Mr. DUNCAN C. L. FITZWILLIAMS on the technique of radium as we understand it to-day. He dealt in some detail with the action and methods of application of radium, and demonstrated a number of instruments used in treatment. A large number of lantern slides and prints were shown to illustrate the results of radium treatment, the methods employed in Continental clinics in France, Holland, and Denmark were mentioned, and the attempts to place radium treatment on a strictly scientific basis discussed. In conclusion, Mr. Fitzwilliams mentioned the possibilities of radium in the future.

After tea members and their friends proceeded to the National Library of Wales at Aberystwyth, where they were received by Sir John Ballinger, the retiring librarian, and his successor, Mr. W. Ll. Davies, M.A. A large collection of Welsh printed books and manuscripts was inspected; the method of photographing documents for dispatching to different parts of the world, and the repair and preservation of valuable prints, were demonstrated.

A dinner was held at the Queen's Hotel in the evening, when forty-six members and friends attended. It is many years since the Branch met in this locality, but the success of this last meeting certainly justifies another visit to Aberystwyth in the near future. Members were made honorary members for the week-end of the Borth and Aberystwyth Golf Clubs, by kind invitation.

SOUTH-WESTERN BRANCH: TORQUAY DIVISION.

A WELL-ATTENDED meeting of the Torquay Division was held in the Torbay Hospital on May 26th, under the chairmanship of Dr. P. A. MCCALLUM.

Dr. Ernest Ward and Dr. B. E. P. Sayers were elected as representatives of the Division on the council of the Torbay Hospital Contributory Scheme.

The meeting resumed the consideration of the Annual Report of Council, and the following resolutions were adopted for submission to the Annual Representative Meeting:

> That, while being in favour of many of the principles embodied in the revised Hospital Policy of the Association, this meeting is of opinion that no active steps should be taken in the matter until the general profession has had a longer period in which to examine the details of the scheme, and that a final decision should not be asked for until next year.
>
> That the resolution of the Council in para. 127 of the Annual Report for 1930 be amended by the addition of the words "provided that the capitation rate for such dependants be not less than the rate paid at present for insured persons."

The Proposals of the Association for a General Medical Service for the Nation were considered. Several points raised in this were discussed by the meeting, and it was agreed that some revision of practical details would be necessary after the scheme had been considered more fully by the profession and by the public, but that in the meantime the Division should approve the draft scheme.

SUSSEX BRANCH: CHICHESTER AND WORTHING AND HORSHAM DIVISIONS.

A COMBINED meeting of the Chichester and Worthing and the Horsham Divisions was held in the Dolphin Hotel, Chichester, on May 18th, when Dr. BOSTOCK was in the chair, and thirty-seven other members were present. The SECRETARY reported that the profits from the ball in aid of the Medical Charities amounted to £54 17s. 2d.

The meeting considered the Annual Report of Council. After a full discussion the recommendation regarding the inclusion under the National Health Insurance Service of the dependants of insured persons was adopted with one dissentient vote. The recommendation that the proposals contained in the General Medical Services Scheme be adopted as a contribution by the Association on lines acceptable to the profession towards a General Medical Service for the Nation was generally approved, but the amendment from Brighton referring to para. 69 (see *Supplement*, May 17th, p. 222) was unanimously supported. With reference to the fees payable by local authorities to medical practitioners called in upon the advice of midwives, the following amendment was carried unanimously:

> The fee for suturing the perineum and for the removal of retained placenta remain as at present, but the fee for removal of adherent placenta, for exploration of the uterus, for the treatment of post-partum haemorrhage, and for any operative emergency arising directly from parturition, including all subsequent necessary visits during the first ten days, inclusive of day of birth, be £3 3s.

In connexion with birth control an amendment was unanimously carried that the word "only" after "on medical grounds" should be deleted. With reference to the Voluntary Hospital Policy, it was agreed by a large majority to support the Brighton amendment to delete the words "whenever possible" from the Council's recommendation "that the system of subscribers' letters should be whenever possible discontinued." It was also unanimously agreed to add the following to Appendix A, para. 2:

> In view of the fact that it is the policy of the Association that contributory schemes should be managed by some independent body, it is essential that the voluntary hospitals should be well represented on that body, and that the hospitals be encouraged to send where possible at least one if not more of the medical staff among their representatives.

The meeting throughout was a most enthusiastic one. The members were entertained to tea by the Chairman, to whom a vote of thanks was accorded for his hospitality.

YORKSHIRE BRANCH: HALIFAX DIVISION.

THE annual general meeting of the Halifax Division was held on May 21st. Dr. Smith was elected chairman. The model rules of organization and of ethical procedure were adopted.

YORKSHIRE BRANCH: WAKEFIELD, PONTEFRACT, AND CASTLEFORD DIVISION.

A SPECIAL meeting of the Wakefield, Pontefract, and Castleford Division was held at the Strafford Arms Hotel, Wakefield, on May 15th, when Mr. G. W. THOMAS was in the chair, and twenty-seven members were present.

After able and interesting introductory addresses by Dr. G. B. HILLMAN upon the proposed General Medical Service for the Nation, and by Mr. J. T. BLACKBURN upon the revised Hospital Policy of the British Medical Association, a discussion ensued in which the following members took part: Drs. BUTLER, EWING, GIBSON, GREAVES, POTTS, RADCLIFFE, STEVEN, SCHOLEFIELD, THOMAS, and TWIST. It was resolved that the representative should be instructed to move at the Annual Representative Meeting that:

> The matters dealt with in A.R.M.2 and A.R.M.2a be not settled until they have been placed before the profession as a whole for further discussion in the same way as was done in 1925, and that a Special Representative Meeting in the autumn shall consider the whole question, and that no action be taken meanwhile.

It was further resolved that:

> Failing this motion being carried at the Annual Representative Meeting, the representative be instructed to support the scheme as published.

NOTES ON THE APPLICATION OF THE BLIND PERSONS ACT.

BY

D. STENHOUSE STEWART, M.R.C.S., L.R.C.P., D.O.M.S.,

ASSISTANT OPHTHALMIC SURGEON, HULL ROYAL INFIRMARY; OPHTHALMIC SURGEON, VICTORIA HOSPITAL FOR SICK CHILDREN, HULL, AND THE HULL AND EAST RIDING INSTITUTE FOR THE BLIND.

PARTICULARS were published in the *Supplement* of March 8th (p. 70) of the arrangements made in Glasgow for the examination of candidates for certification under the Blind Persons Act (1920). A similar scheme has been working successfully in Hull for a longer period. Many years before the Blind Persons Act was passed Dr. W. C. Rockliffe, my predecessor, did vigorous pioneer work in establishing the Hull and East Riding Institute for the Blind. This institute, which was administered on a charity basis, sought to provide a livelihood for blind mendicants and other destitute blind persons. He also did much valuable work along with his wife in propagating Braille, and in elaborating various suitable crafts.

Standard of Blindness.

The Blind Persons Act abolished, to a large extent, the charitable nature of provision for the blind, by giving them special legal rights; it imposed upon doctors, usually ophthalmic surgeons, the responsibility for its equitable administration, and for interpreting the phrase "too blind to perform any work for which eyesight is essential." This phrase was more clearly defined in two leaflets subsequently issued by the Ministry of Health. For the purposes of the Act a person was to be considered definitely blind where there was a visual acuity of both eyes (separately) of less than 3/60 (with appropriate correction of refractive error); persons with a visual acuity of either eye of more than 6/60 were to be regarded as disqualified in the absence of other contributory factors such as a highly contracted field or nystagmus. It is the contention of Mr. Freeland Fergus, I believe, that distance vision is of little importance in comparison with a full field of vision; he found that miners possessing very poor sight but a good field of vision were quite proficient at their work.

The determination of visual acuity between the two numerical standards laid down is a matter for individual judgement. In some parts of this country only the first provision is usually observed—namely, a visual acuity of less than 3/60—before certifying anyone as blind under the Act.

Examination of Applicants.

The provisions made in this area for the examination of applicants are similar in many respects to those recently made in Glasgow. Refraction and ophthalmoscopy are carried out, but no treatment is given, and glasses are not prescribed, suitable cases being referred to the Hull Royal Infirmary. No mydriatic or cycloplegic is generally used, as it would create an abnormal condition for subjective examination of the eye. The expenses incurred by country patients and their guides are repaid, and the few who are bed-ridden are examined in their own homes. All applicants are examined by me. Illiterate cases are often very difficult, and it is not always easy to restrict an estimate of borderline cases to disability in visual sense only irrespective of senility or other physical infirmity. If it is thought that the condition causing blindness in any individual has reached a stage when, by operation, his sight might be restored to an amount which would exclude him from benefit, he is advised to undergo operation, and if he is unreasonable in his refusal the committee has recently decided to withhold financial assistance. Applicants who are eligible for training in a craft are further examined by Dr. Bainbridge, honorary ophthalmic surgeon to the Hull Royal Infirmary, and to the Education Authority. Those who consider that they have been unjustly deprived of benefit are examined independently on behalf of the corporation committee by Dr. Mackay, consultant ophthalmic surgeon to the Hull Royal Infirmary, who acts as referee. This does not often occur; appeals are usually made by those who have been decertified as a result of successful cataract extraction. This arrangement has worked very well for the last two years, and is likely to continue to do so.

Statistics.

Hull contains nearly 300,000 inhabitants, and is growing rather rapidly; the rest of the East Riding (excluding York) has a population of about 200,000. On our register at present there are 550 certified blind persons domiciled in Hull, and 176 in the East Riding, most of whom are entirely dependent on the provisions of the Blind Persons and the Old Age Pensions Acts. They are not eligible for corporation relief (which supplements their income to twenty-five shillings a week) until they have been resident for three years. Of the 453 applicants examined during the past two years 257 have been certified as blind. There were 56 decertifications, either on account of improved vision subsequent to operation, or inaccuracy in statements supplied at a previous interview. The total remains more or less stationary at rather less than 1.5 per thousand of the local population.

Administration.

In regard to the economic side of the administration of the Act the committee of the institute dealing with the East Riding meets once in three months, and that dealing with Hull, once a month. At these meetings the need of each applicant for supplementary aid is considered. The Corporation of Hull makes up the income of qualified persons to twenty-five shillings a week, and provides free passes for trams and baths to all blind persons desiring them. It also supplements the earnings of blind employees in workshops. Some local manufacturers employ some blind workers in their departments. Home visitors who call on the blind are asked to refer applicants for examination, and for re-examination.

Defects of the Act.

A bad feature of the Act is the encouragement it gives to marriage between blind persons, many of whom suffer from syphilis. Although a woman who is blind according to the Act may be able to do her own housework, she gets twenty-five shillings a week, while her husband receives corresponding benefits in addition to anything he earns. In present conditions, when most families have an income of less than £4 a week, blindness is so well subsidized that exaggerated visual disability is more remunerative than outdoor relief or unemployment benefit. Unsuccessful applicants are sometimes advised to apply by the labour bureau and by the relieving officers; many of these applicants are affected only in one eye, the other being quite sound! Some have refractive errors, usually high degrees of myopia, which, when corrected, restores useful vision, 6/18 or better. It is desirable that doctors generally should recommend patients whom they consider to come within the provisions of the Act, as they have a better opportunity of judging their disability, and its possible exaggeration, than has the ophthalmic surgeon at a single brief examination.

National Insurance.

LOCAL MEDICAL AND PANEL COMMITTEES.

BEDFORDSHIRE.

AT the May meeting of the Local Medical and Panel Committee for Bedfordshire, with Dr. DEAN POLLARD in the chair, discussion took place on the National Formulary. Dr. FASNACHT drew the attention of the committee to the fact that the adoption of the National Formulary would undoubtedly result in an increase in the cost of prescribing, and suggested that each prescription in the Formulary should be priced so that practitioners might know the cost of the drugs they were ordering. After discussion it was agreed, on the proposition of Dr. W. F. EBERLIE, seconded by Dr. F. S. LLOYD, "that in the interests of economy the Insurance Acts Committee be requested to publish annually the cost of each prescription printed in the National Formulary."

In connexion with claims for fees for the administration of

anaesthetics, attention was drawn to the large number of cases in which nitrous oxide was given as a general anaesthetic at a cost of £1 11s. 6d. for each administration. The opinion was expressed by the committee that a sliding scale should be introduced to deal with this matter, and after discussion it was agreed, on the motion of Dr. EBERLIE, that general anaesthetics be classed as major and minor, and the fees payable range from £1 11s. 6d. to 10s. 6d., the Panel Committee to decide the class and the fee.

WEST RIDING.

At the May meeting of the West Riding of Yorkshire Committee, under the chairmanship of Dr. G. B. HILLMAN, a report was submitted by a special committee on the scheme for 1930 for post-graduate study courses for rural practitioners. The subcommittee recommended that the selection of practitioners participating in the scheme should be made by a subcommittee of the West Riding Panel Committee; that those selected should be drawn from practices the income from which could not reasonably be expected to finance such a scheme without assistance; that any scheme adopted should, as far as possible, be of a purely clinical nature; that the length of the course for each student should be one fortnight at either Leeds or Sheffield, and that the sum of £29 2s. should be expended in the case of each student, being 19 guineas for two weeks' residence and board (including fees, if any), 16 guineas for providing locumtenents during two weeks' absence, and £1 16s. as a contribution towards railway fares. The report was approved and adopted by the committee.

The committee also set up a special subcommittee for consideration and report on the whole question of the treatment of dependants of insured persons.

Naval and Military Appointments.

ROYAL NAVAL MEDICAL SERVICE.

Surgeon Commanders H. L. Douglas to the *Victory* for R.N. Barracks; R. N. W. W. Biddulph to the *Victory* XI for H.M. Dockyard, Portland; G. E. D. Ellis to the *Iron Duke*.

Surgeon Lieutenant Commanders J. H. B. Crosbie to the *Pembroke* for R.N. Barracks; W. E. Heath to the *President* for three months' post-graduate course.

Surgeon Lieutenants S. L. Lord to the *Dryad*; W. R. S. Packridge to the *Scarborough*; T. L. Cleave to the *Vivid* for R.M. Infirmary, Plymouth; O. Watson to the *Beaufort*; D. M. Beaton to the *Danae* on commissioning; T. B. Lynagh to the *Nelson*.

ROYAL NAVAL VOLUNTEER RESERVE.

Surgeon Lieutenant H. M. Willoughby to the *Albury*.

Probationary Surgeon Sublieutenant J. C. Moor to the *Victory* for R.N. Hospital, Haslar.

ROYAL ARMY MEDICAL CORPS.

Major (temporary Lieut.-Colonel) A. C. Amy to be Lieutenant-Colonel, vice Lieut.-Colonel W. W. Browne, O.B.E., promoted.

Major R. W. D. Leslie, O.B.E., to be temporary Lieutenant-Colonel.

Major A. D. Fraser, D.S.O., M.C., to be Brevet Lieutenant-Colonel.

Major H. J. Bensted, M.C., to be Assistant Professor at the Royal Army Medical College.

REGULAR ARMY RESERVE OF OFFICERS.

ROYAL ARMY MEDICAL CORPS.

W. D. Speedy to be Lieutenant.

INDIAN MEDICAL SERVICE.

Colonel C. A. Sprawson, C.I.E., to be Major-General.

Lieut.-Colonel H. R. Nutt, officiating Inspector-General of Civil Hospitals, United Provinces, is confirmed in that appointment.

Lieutenant S. M. K. Mallick, a temporary officer of the Medical Research Department, is appointed to officiate as Assistant Director, Central Research Institute, Kasauli.

To be Captains (on probation): J. McM. Wilder, E. G. Hurd-Wood, W. T. Taylor.

To be Lieutenants (on probation): A. K. M. Khan, F. H. A. L. Davidson, J. H. Gorman, R. T. Hicks, S. M. Kharegat, R. C. Dracup, A. B. Guild, W. Fleming.

The services of Lieut.-Colonel J. A. S. Phillips are placed permanently at the disposal of the Government of Bihar and Orissa, for appointment as Director of Public Health, Bihar and Orissa.

The services of Major M. A. Singh are placed permanently at the disposal of the Government of Bengal, for employment in the Jails Department.

The following officers retire: Colonel A. B. Fry, C.B., C.I.E., D.S.O., and Lieut.-Colonels F. H. Salisbury and J. C. S. Oxley.

TERRITORIAL ARMY.

ROYAL ARMY MEDICAL CORPS.

Captain G. Williams and Lieutenant J. B. Dedman resign their commissions.

TERRITORIAL ARMY RESERVE OF OFFICERS: ROYAL ARMY MEDICAL CORPS.

Lieutenant H. W. Walter, from Active List, to be Lieutenant.

COLONIAL MEDICAL SERVICES.

The following appointments are announced: Dr. R. S. Begbie, Assistant Medical Officer of Health, Hong-Kong; Dr. L. E. R. Henshaw, Medical Officer, Nigeria: Major-General H. P. Barrow, C.B., C.M.G., D.S.O., Health Officer, Leeward Islands; Dr. A. E. Connan, Lady Medical Officer, Straits Settlements; Dr. W. P. Jones, Medical Officer, Malaya Medical Service, Straits Settlements.

VACANCIES.

ABERDEEN COUNTY COUNCIL.—Assistant Medical Officer of Health (male). Salary £600-£750 per annum.

ABERDEEN UNIVERSITY.—McRobert Lecturer in Malignant Disease and Radium Officer at Aberdeen Royal Infirmary. Salary £800 per annum.

ABERYSTWYTH INFIRMARY AND CARDIGANSHIRE GENERAL HOSPITAL.—House-Surgeon (male). Salary £200 per annum.

ALTRINCHAM GENERAL HOSPITAL.—(1) Senior House-Surgeon. (2) Junior House-Surgeon. Salary £150 and £120 per annum respectively.

BARNSTAPLE: NORTH DEVON INFIRMARY.—Resident Medical Officer (male). Salary £150 per annum.

BATH: ROYAL UNITED HOSPITAL.—(1) House-Physician. (2) Assistant House-Surgeon (male, unmarried). Salary £120 per annum.

BIRMINGHAM CITY.—Assistant Medical Officer, Tuberculosis Section, Public Health Department. Salary £350 per annum.

BIRMINGHAM: DUDLEY ROAD HOSPITAL.—Junior Assistant Medical Officers (male). Salary £200 per annum.

BIRMINGHAM: MIDLAND HOSPITAL.—House-Surgeon. Salary £150 per annum.

BIRMINGHAM: QUEEN'S HOSPITAL.—(1) House-Surgeon to the Ear, Nose, and Throat Department. (2) Ophthalmic House-Surgeon and Resident Anaesthetist. (3) House-Physician to the Birmingham Nerve Hospital. Salary £70 per annum.

BRISTOL ROYAL INFIRMARY.—(1) Two House-Physicians. (2) Four House-Surgeons. (3) House-Physician to Cancer Research Department. (4) House-Surgeon to Ear, Nose, and Throat Department. (5) House-Surgeon to Gynaecological and Ophthalmic Departments. (6) Obstetric House-Physician. (7) Assistant House-Surgeon and House-Surgeon to the Dermatological Department. (8) Casualty House-Surgeon. (9) Dental House-Surgeon. Salary for (1)-(7), £60, for (8) £80, and for (9) £80 if resident and £116 if non-resident.

BURSLEM: HAYWOOD HOSPITAL.—(1) Resident Medical Officer, salary £175 per annum. (2) Honorary Ophthalmic Surgeon.

CARDIFF ROYAL INFIRMARY.—House-Surgeon to the Ophthalmic Department. Salary £75 per annum.

CENTRAL LONDON THROAT, NOSE AND EAR HOSPITAL, Gray's Inn Road, W.C.1.—Honorary Assistant Anaesthetist.

CHESTERFIELD AND NORTH DERBYSHIRE ROYAL HOSPITAL.—House-Surgeons. Salary £100 to £175 per annum.

CHICHESTER: ROYAL WEST SUSSEX HOSPITAL.—Honorary Assistant Surgeon.

CITY OF LONDON HOSPITAL FOR DISEASES OF THE HEART AND LUNGS, Victoria Park, E.2.—House-Physician (male). Salary £100 per annum.

COVENTRY AND WARWICKSHIRE HOSPITAL.—Resident Assistant House-Surgeon (male). Salary £125 per annum.

DONCASTER COUNTY BOROUGH.—Assistant Medical Officer of Health and Assistant School Medical Officer. Salary £600 per annum, rising to £700.

ECCLES AND PATRICROFT HOSPITAL.—(1) Senior Resident Medical Officer, salary £175-£200. (2) Junior Resident Medical Officer, salary £125-£150.

ESSEX COUNTY HOSPITAL, Colchester.—Assistant House-Surgeon and Registrar (male). Salary £120 per annum.

EVELINA HOSPITAL FOR SICK CHILDREN, Southwark, S.E.1.—(1) Casualty and Out-patient Officer. (2) House-Surgeon (male). Salary £120 per annum.

GATESHEAD COUNTY BOROUGH.—Clinical Tuberculosis Officer and Assistant Medical Officer of Health. Salary £650, rising to £750 per annum.

GLOUCESTERSHIRE ROYAL INFIRMARY AND EYE INSTITUTION.—(1) Resident Surgical Officer. (2) House-Physician. Salary £175 and £135 per annum respectively.

GROSVENOR HOSPITAL FOR WOMEN, Vincent Square, S.W.1.—Resident Medical Officer. Salary £100 per annum.

HUDDERSFIELD ROYAL INFIRMARY.—House-Surgeon (male). Salary £150 per annum.

HULL ROYAL INFIRMARY.—(1) Assistant House-Physician. (2) Casualty House-Surgeon. Salary £130 per annum.

ILFORD: KING GEORGE HOSPITAL.—(1) Honorary Dermatologist. (2) Resident Medical Officer, salary £200 per annum.

JEWISH MATERNITY HOSPITAL, Underwood Street, E.1.—Resident Medical Officer. Salary £50 per annum.

KENT AND CANTERBURY HOSPITAL.—House-Surgeon. Salary £125 per annum.

LEAMINGTON SPA: WARNEFORD GENERAL HOSPITAL.—Senior House-Physician. Salary £165 per annum.

LEEDS CITY.—Assistant Clinical Tuberculosis Officer. Salary £500 per annum, rising to £700.

LEEDS PUBLIC DISPENSARY.—Junior Resident Medical Officer. Salary £150 per annum.

LEICESTER ROYAL INFIRMARY.—Casualty House-Surgeon. Salary £125 per annum.

LINCOLN COUNTY HOSPITAL.—Junior House-Surgeon (male, unmarried). Salary £150 per annum, rising to £200.

LINDSEY COUNTY COUNCIL.—Assistant County Medical Officer of Health. Salary £600 per annum, rising to £700.

LIVERPOOL: HOSPITAL FOR CONSUMPTION AND DISEASES OF THE CHEST.—Assistant Medical Officer and Pathologist (non-resident). Salary £150 per annum.

LIVERPOOL: ROYAL LIVERPOOL CHILDREN'S HOSPITAL.—(1) Resident Medical Officer at the Heswall Branch. (2) Two Resident House-Physicians and two Resident House-Surgeons at the City Branch. Salary for (1) £120, and for (2) £100 per annum.

LIVERPOOL UNIVERSITY.—Samuel Turner Research Fellowship. Salary £600 per annum.

LONDON SCHOOL OF HYGIENE AND TROPICAL MEDICINE, W.C.1.—Research Studentships in (1) Entomology, (2) Protozoology. Value £250 a year.

LOWESTOFT AND NORTH SUFFOLK HOSPITAL.—Junior House-Surgeon (male). Salary £120 per annum.

MANCHESTER: ANCOATS HOSPITAL.—House-Physician. Salary £100 per annum.

MANCHESTER NORTHERN HOSPITAL FOR WOMEN AND CHILDREN.—Honorary Assistant Surgeon for Children.

MANSFIELD AND DISTRICT HOSPITAL.—House-Surgeon and Casualty Officer (male). Salary £150 per annum.

MARGATE AND DISTRICT NEW GENERAL HOSPITAL.—Resident Medical Officer (male). Salary £125 per annum.

MERTHYR TYDFIL: MERTHYR GENERAL HOSPITAL.—Resident House-Surgeon (male). Salary £150 per annum.

MIDDLESBROUGH: NORTH ORMESBY HOSPITAL.—House-Physician (male, unmarried). Salary £120 per annum.

MILDMAY MISSION HOSPITAL, Austin Street, E.2.—Assistant Casualty Officer (female). Salary £100 per annum.

MOUNT VERNON HOSPITAL, Northwood.—Junior Resident House-Surgeon. Salary £250 per annum.

NATIONAL HOSPITAL, Queen Square, W.C.1.—House-Physician. Salary £150 per annum.

NEWARK GENERAL HOSPITAL.—Resident House-Surgeon (unmarried). Salary £175 per annum.

NOTTINGHAM AND MIDLAND EYE INFIRMARY.—Resident House-Surgeon. Salary £200 per annum.

OLDHAM ROYAL INFIRMARY.—Two House-Surgeons. Salary £175 per annum.

PETERBOROUGH AND DISTRICT MEMORIAL HOSPITAL.—Two Resident House-Surgeons (males). Salary £135 per annum.

PRESTON AND COUNTY OF LANCASTER ROYAL INFIRMARY.—House-Surgeon (male, unmarried). Salary £150 per annum.

PRINCESS LOUISE KENSINGTON HOSPITAL FOR CHILDREN, North Kensington.—House-Surgeon (woman). Salary £75 per annum, rising to £100 on appointment as Senior Resident.

ROCHDALE INFIRMARY AND DISPENSARY.—Junior House-Surgeon (male). Salary £175 per annum.

ROYAL EARLSWOOD INSTITUTION, Redhill.—Junior Assistant Medical Officer. Salary £250 per annum.

ROYAL WATERLOO HOSPITAL FOR CHILDREN AND WOMEN.—Casualty Officer in the Out-patient Department. Salary £152 per annum.

ST. THOMAS'S HOSPITAL, S.E.1.—(1) Surgeon. (2) Surgical Registrar.

SHEFFIELD CITY HOSPITALS FOR INFECTIOUS DISEASES.—Resident Medical Officer (male). Salary £350 per annum.

SHEFFIELD: JESSOP HOSPITAL FOR WOMEN.—(1) Registrar and Obstetric Tutor. (2) Assistant House-Surgeon. Salary £500 and £100 per annum respectively.

SHEFFIELD ROYAL HOSPITAL.—(1) House-Surgeon. (2) Resident Anaesthetist. Males. Salary £80 per annum, rising to £100 after six months.

SHEFFIELD: ROYAL INFIRMARY.—(1) Two House-Surgeons. (2) Ophthalmic House-Surgeon. Salary £80 per annum each, rising to £100 after six months.

SOUTHEND-ON-SEA COUNTY BOROUGH.—Assistant Medical Officer of Health. Salary £600 per annum, rising to £700.

STOCKTON AND THORNABY HOSPITAL.—Junior Resident Medical Officer (male, unmarried). Salary £150.

STROUD GENERAL HOSPITAL.—House-Surgeon. Salary £150 per annum.

SWANSEA GENERAL AND EYE HOSPITAL.—Assistant Pathologist. Salary £400-£500 per annum.

TRURO: ROYAL CORNWALL INFIRMARY.—House-Surgeon (male). Salary £170 per annum.

WILLESDEN GENERAL HOSPITAL, N.W.10.—(1) House-Surgeon. (2) House-Physician. (3) Registrars. Salary for (1) £110, and for (2) £100 per annum.

WOLVERHAMPTON: ROYAL HOSPITAL.—Casualty Officer and Resident Anaesthetist (male, unmarried). Salary £125 per annum.

WREXHAM AND EAST DENBIGHSHIRE WAR MEMORIAL HOSPITAL.—Two Resident House-Surgeons. Salary £150 per annum.

YORK COUNTY HOSPITAL.—Resident Anaesthetist and Assistant House-Surgeon. Salary £150 per annum.

CERTIFYING FACTORY SURGEON.—The appointment at Tighnabruaich (Argyllshire) is vacant. Applications to the Chief Inspector of Factories, Home Office, Whitehall, S.W.1.

This list of vacancies is compiled from our advertisement columns, where full particulars will be found. To ensure notice in this column advertisements must be received not later than the first post on Tuesday morning.

APPOINTMENTS.

FIRTH, Stanley J., M.B., M.R.C.S., D.P.H., Medical Officer of the Infirmary, Frederick Road, Hastings, Sussex.

HEATH, W. E., M.B., B.S.Lond., D.O.Oxon., Honorary Ophthalmic Surgeon to St. Bartholomew's Hospital, Rochester, and to the Gravesend and North Kent Hospital, Gravesend.

CERTIFYING FACTORY SURGEONS.—E. J. Boschi, M.R.C.S., L.R.C.P.Lond., for the Bruton District, Somerset; C. L. Law Wilson, L.R.C.P. and S.I., for the Sittingbourne District, Kent.

POST-GRADUATE COURSES AND LECTURES.

FELLOWSHIP OF MEDICINE AND POST-GRADUATE MEDICAL ASSOCIATION, 1, Wimpole Street, W.1.—*Infants Hospital*, Vincent Square, S.W.1: Special Course in Diseases of Infants, every afternoon from 2 p.m. Lectures and Demonstrations. Fee £3 3s. for two weeks. Copies of all syllabuses may be obtained on application to the Fellowship of Medicine.

NORTH-EAST LONDON POST-GRADUATE COLLEGE, Prince of Wales's General Hospital, Tottenham, N.—Mon., 2.30 to 5 p.m., Medical, Surgical, and Gynaecological Clinics, Operations. Tues., 2.30 to 5 p.m., Medical, Surgical, Ear, Nose, and Throat Clinics, Operations. Wed., 2.30 to 5 p.m., Medical, Skin, and Eye Clinics, Operations. Thurs., 11.30 a.m. Dental Clinic; 2.30 to 5 p.m., Medical, Surgical, Nose, Throat, and Ear Clinics; Operations. Fri., 10.30 a.m., Ear, Nose, and Throat Clinics; 2.30 to 5 p.m., Medical, Surgical, and Children's Diseases Clinics, Operations.

ST. PAUL'S HOSPITAL FOR GENITO-URINARY DISEASES, Endell Street, W.C.2. Wed., 4.30 p.m., Stone in the Bladder, with Special Reference to Treatment by Litholapaxy. Tea at 4 p.m.

WEST LONDON HOSPITAL POST-GRADUATE COLLEGE, Hammersmith, W.6.—Mon., 10 a.m. to 1 p.m., Skin Department, Genito-Urinary Operations, Surgical Ward Visit; 2 to 5 p.m., Operations, Surgical Ward Visit, Medical, Surgical, Eye, Gynaecological Out-patient Departments. Tues., 10 a.m. to 1 p.m., Medical Ward Demonstration, Surgical Clinical Demonstration; 2 to 5 p.m., Operations, Medical, Surgical, and Throat, Nose, and Ear Out-patient Departments. Wed., 10 a.m. to 1 p.m., Medical and Surgical Ward Visits, Children's Medical Out-patient Department; 2 to 5 p.m., Gynaecological Operations, Medical, Surgical, and Eye Out-patient Departments. Thurs., 10 a.m. to 1 p.m., Neurological Department, Demonstration in Treatment of Fractures; 2 to 5 p.m., Medical, Surgical, Eye, and Genito-Urinary Out-patient Departments, Operations. Fri., 10 a.m. to 1 p.m., Medical Ward Visit, Skin and Dental Out-patient Departments, Medical Clinical Demonstration: 2 to 5 p.m., Medical, Surgical, and Throat, Nose, and Ear Out-patient Departments, Operations. Sat., 10 a.m. to 1 p.m., Children's Medical, Bacterial Therapy, and Surgical Out-patient Departments, Medical Ward Visit, Throat, Nose, and Ear Operations.

LIVERPOOL UNIVERSITY CLINICAL SCHOOL ANTE-NATAL CLINICS.—Royal Infirmary: Mon. and Thurs., 10.30 a.m. Maternity Hospital: Mon., Tues., Wed., Thurs., and Fri., 11.30 a.m.

British Medical Association.

OFFICES, BRITISH MEDICAL ASSOCIATION HOUSE, TAVISTOCK SQUARE, W.C.1

Departments.

SUBSCRIPTIONS AND ADVERTISEMENTS (Financial Secretary and Business Manager. Telegrams: Articulate Westcent, London).

MEDICAL SECRETARY (Telegrams: Medisecra Westcent, London).

EDITOR, BRITISH MEDICAL JOURNAL (Telegrams: Aitiology Westcent, London).

Telephone numbers of British Medical Association and British Medical Journal, Museum 9851, 9852, 9863, and 9864 (internal exchange, four lines).

SCOTTISH MEDICAL SECRETARY: 7, Drumsheugh Gardens, Edinburgh. (Telegrams: Associate, Edinburgh. Tel.: 24361 Edinburgh.)

IRISH MEDICAL SECRETARY: 16, South Frederick Street, Dublin. (Telegrams: Bacillus, Dublin. Tel.: 4737 Dublin.)

Diary of the Association.

JULY.

18 Fri. Annual Representative Meeting, B.M.A. House, London.

19 Sat. Annual Representative Meeting continued.

21 Mon. **Council**, 9 a.m.
Annual Representative Meeting continued.

22 Tues. **Council.**
Annual Representative Meeting continued.
Annual General Meeting (business part of) London, 3.30 p.m.

31 Thurs. Northern Counties of Scotland Branch: Columba Hotel, Inverness, 12.30 p.m. Luncheon, 1 o'clock.

BIRTHS, MARRIAGES, AND DEATHS.

The charge for inserting announcement of Births, Marriages, and Deaths is 9s., which sum should be forwarded with the notice not later than the first post on Tuesday morning, in order to ensure insertion in the current issue.

BIRTHS.

COLLEY.—On July 7th, 1930, to Alice May (née Nuttall), wife of R. Colley, M.B., Ch.B., D.O.M.S., of 11, The Circus, Bath, a son.

STEWART.—On July 13th, at Penwyn House, Grampound, Cornwall, to Dr. and Mrs. W. L. Stewart (née Sheina Thomson), a daughter.

THORNTON.—On July 13th, at Lisnanagh, Forest Row, Sussex, to Muriel Thornton, M.B., wife of G. Kennedy Thornton, M.B., a son.

MARRIAGES.

FIRTH—FURNISS.—On June 25th, at Christ Church, West Didsbury, Manchester, by the Rev. J. Chapman, Stanley Joseph Firth, M.B., M.R.C.S., D.P.H., only son of the late Joseph Firth and of Mrs. C. J. Firth, M.B.E., Matron in charge of Withington Hospital, to Ada Furniss, F.R.C.S.Ed., D.P.H., only daughter of Mr. and Mrs. A. Furniss of Manchester.

MCCOLM—SCOTT.—At St. Giles's Church, Pontefract, on July 10th, John Livingston McColm, M.B., Ch.B., Thurnscoe, Rotherham, younger son of Mr. and Mrs. John A. McColm, 87, Meadowpark Street, Dennistoun, Glasgow, to Mary Catherine, daughter of the late Mr. J. F. Scott, and of Mrs. Scott, Carleton Park, Pontefract.

DEATH.

LADDS.—On June 24th, 1930, Winifred Annie Ladds, M.D., B.S.London, daughter of Mr. C. J. W. Ladds and Mrs. Ladds of Bromley, Kent, and granddaughter of the late Rev. J. S. Ladds of Spilsby, Lincs, aged 25 years.

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